Commercial FEEDING STUFFS 1962 Report on Inspection

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COMMERCIAL FEEDING STUFFS

REPORT ON INSPECTION

1962

H. J. FISHER[1]

THE FEED LAW

The statute relating to concentrated commercial feeding stuffs (Chapter 428, General Statutes, Revision of 1958) imposes upon the Station: (1) all duties incidental to the annual registration of feeds offered for sale in the State; (2) the collection of samples for inspection and analysis; (3) the examination of all samples so collected; (4) the preparation and publication of a bulletin summarizing the results of inspection and giving other pertinent information; and (5) joint responsibility with the Food and Drug Commissioner for rules and regulations carrying out the provisions of the law. As a result of a general reorganization of State departments by the General Assembly in 1959, the Food and Drug Commission was abolished and its duties transferred to a new Department of Consumer Protection.

Section 22-116 of the 1959 Revision of the General Statutes delegates the enforcement provisions of the feed law to the Commissioner of Consumer Protection.

The following regulations were issued by the Director of this Station and the Food and Drug Commissioner in February, 1949:

REGULATIONS

REGULATION 1. FEEDS NOT CLASSIFIED AS CONCENTRATED COMMERCIAL FEEDING STUFFS (Sec. 22-112)

It is held that the law exempts from classification as concentrated commercial feeding stuffs, and therefore from registration: (1) roughages such as hays, straws, corn stover and ensilage; (2) whole grains and mixtures thereof; (3) meals made from whole grains when not mixed with other materials or with each other; (4) feed ground from whole grain and sold by the manufacturer directly to the consumer; and (5) feed mixed according to a formula furnished by the consumer, for his own use.

Under clause (2), above, registration will not be required for mixtures in which the ingredients, excepting corn, are whole grains. Corn, if present, may be whole or cracked.

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[1] Analyses are by Mr. Richard Merwin, Mr. Werner Mueller, Mr. Charles Hahn and Miss Helen Kocaba; biological assays under direction of Dr. Lester Hankin; microscopic examinations by Miss Lois Hornig; and sampling by Mr. R. Richard Nichols. Compilations by Mrs. Arnold Malmberg, Mrs. Marshall S. B. Brown and Mrs. Morris Borrack.

Clause (4) refers to feed ground from materials furnished by the consumer.

Under clause (5) feed is regarded as "mixed to order" and must be so tagged together with the name of the customer for whom it is mixed, or otherwise identified to distinguish it from regular brands offered for general sale. Such feed must be sold only to the customer for whom it was mixed; if sold to others it becomes a regular brand and subject to registration and other provisions pertaining to feeds in general.

REGULATION 2. METHOD OF LABELLING (SEC. 22-113)

All concentrated commercial feeding stuffs, other than vitamin D carriers, must be labelled either by a statement printed on the bag or upon a properly attached tag; in the case of concentrated feeding stuff sold in bulk, a certificate which shall contain the information otherwise required to appear upon the bag or upon the tag, may be issued by the dealer in lieu thereof.

The use of wire or any metal in affixing tags is prohibited by law.

The law requires a statement of (1) the net weight of the feed contained in the package; (2) the name, brand or trademark, under which the feed is sold; (3) name and address of the manufacturer or importer; (4) the minimum percentages of (a) crude protein and (b) crude fat, and the maximum percentage of (c) crude fiber contained in the feed; (5) the separate ingredients of which the feed is composed.

While the law requires only a statement of the items enumerated above, no objection will be raised to more complete statements of chemical composition or formula.

REGULATION 3. CONCERNING VITAMIN D CARRIERS

Vitamin D carriers are required to be registered in the same manner and under the same conditions as obtain for feeds in general.

Information to be given on labels and in applications for registration is (1) name of product; (2) vitamin D potency in terms of A.O.A.C. chick units per gram; (3) name and address of manufacturer, distributor or other person responsible for the product; and (4) on the label, a statement of net weight or volume.

The A.O.A.C. chick unit is the Vitamin D activity produced by one U.S. Pharmacopoeia unit of vitamin D from the U.S.P. "Reference Cod Liver Oil", determined by the method of assay adopted by the Association of Official Agricultural Chemists.

REGULATION 4. CONCERNING COTTONSEED MEAL, ETC.

Cottonseed meal, linseed meal, soybean meal, and other vegetable feeds that are sold as fertilizer, are required to be registered under the provisions of the fertilizer law in addition to registration as feeds. If sold exclusively for one or the other of these purposes, the articles may be registered only under the law which applies.

For such of these articles as are used for fertilizer purposes chiefly or entirely as sources of nitrogen, only nitrogen (or protein) need be declared in the application for registration as fertilizer; and the tags or labels generally attached to such articles when intended for feeding purposes will be acceptable for them when sold as fertilizer.

REGULATION 5. DUTIES OF MANUFACTURERS, JOBBERS AND DEALERS WITH REFERENCE TO REGISTRATION (Sec. 22-114)

All concentrated commercial feeding stuffs, including vitamin D carriers, must be registered with the Connecticut Agricultural Experiment Station annually on January 1, or before they are offered for sale. Registration blank forms are supplied by the Station.

Manufacturers, jobbers or individuals shipping feeds into Connecticut will be expected to register their brands and pay the necessary fees thereon. Connecticut dealers should assure themselves that the brands they handle are properly registered and labelled. In case the manufacturer or jobber outside the State neglects or refuses to register, the dealer who handles such feeds will be held responsible for such registration, registration fees and other legal requirements.

Dealers within the State who mix their own brands are responsible for the registration and proper labelling thereof.

REGULATION 6. DEFINITIONS OF TERMS USED IN THE LAW AND OF OTHER TERMS

Person. The term "person" imports the singular or the plural as the case demands; and includes corporations, companies, societies and associations.

Importer. The term "importer" is defined in the act.

Brand. It is held that a distinct brand name, or a distinct analysis, constitutes a distinct brand.

Definitions for Feeding Stuffs. The definitions and standards for feeding stuffs adopted from time to time by the Association of American Feed Control Officials are accepted as official in carrying out the provisions of this law; and the rules and regulations as adopted by that association are accepted as far as possible and when not inconsistent with the Connecticut Statutes.

REGULATION 7. METHODS OF ANALYSIS (Sec. 22-113)

The methods of analysis employed shall be those prescribed by the Association of Official Agricultural Chemists, wherever such methods have been adopted for the determinations desired.

REGULATION 8. CONCERNING MEDICATED FEEDS AND MINERAL MIXTURES

The law does not include medicated products used as "conditioners" for stock and poultry, and which consist essentially of substances possessing, or claimed to possess, medicinal or condi-

mental properties nor does it include products consisting of supplemental minerals.

REGULATION 9. FEEDS IN DIFFERENT PHYSICAL FORMS

The same feed offered in different physical forms, e.g., mash and pellets, requires but one registration.

REGULATION 10. REVISIONS AND SUBSTITUTIONS OF REGISTRATIONS

A feed registration after being filed may be revised without payment of an extra registration fee.

A brand of feed duly registered and subsequently discontinued may be replaced by another brand for the unexpired period of registration without payment of an extra registration fee.

REGISTRATIONS

For the period January 1, 1962 to December 31, 1962, firms registered brands of feeding stuffs, and firms registered brands of vitamin carriers.

ACME-EVANS CO., INC., 902 W. Washington Ave., Indianapolis, Ind.

Acme Hominy Feed
Acme Wheat Bran
Acme Wheat Middlings with Ground Wheat Screenings

ALBERS MILLING CO., Division of Carnation Co., 5045 Wilshire Blvd., Los Angeles 36, Cal.

Albers Calf Manna
Albers Rabbit Breeder Paks
Albers Sho-Glo
Albers Spur
Albers Suckle

ALLIED CHEMICAL CORP., Nitrogen Division, Hopewell, Va.

"Procadian" 281 Prilled Urea Feed Mixture
"Procadian" Urea Feed Mixture

AMERICAN CRYSTAL SUGAR CO., Boston Bldg., Denver, Colo.

Dried Beet Pulp with Beet Molasses
Plain Dried Beet Pulp

AMERICAN CYANAMID CO., P. O. Box 400, Princeton, N. J.

(See also Vitamin Carriers)

Arzene Premix 4%
Cyrea Urea
Cyzine 10%
Enheptin A Premix 15%
Megasul 25%
Nitrophenide 20

AMERICAN FEED CO., West 177th Street & Harlem River, New York 53, N. Y.

AFCO Wafer Meal

AMERICAN MAIZE-PRODUCTS CO., 250 Park Ave., New York 17, N. Y.

Amaizo Corn Gluten Meal
Cream of Corn Gluten Feed

ANHEUSER-BUSCH, INC., 721 Pestalozzi St., St. Louis, Mo.

Brewers' Dried Grains with 2% Spent Hops

ARCHER-DANIELS-MIDLAND CO., P. O. Box 532, Minneapolis 40, Minn.

Archer Quality 34% Protein Linseed Oil Meal

ARCHER-DANIELS-MIDLAND CO. -Cont.

Archer Quality 44% Protein Solvent Extracted Soybean Meal
Archer Quality 50% Protein Solvent Extracted Soybean Meal
Small's 17% Dehydrated Alfalfa Meal with Ethoxyquin
Small's 20% Dehydrated Alfalfa Meal with Ethoxyquin

ARMOUR & COMPANY, 401 N. Wabash Ave., Chicago, Ill.

Armour Mink Food Mix

ATLANTIC PROCESSING CO., Amagansett, N. Y.

Smith's Life Line Fish Meal

EDWARD R. BACON GRAIN CO., 177 Milk St., Boston, Mass.

Corn Gluten Feed 21%

BARBER & BENNETT, INC., Arch & Church Sts., Albany, N. Y.

Dairy Sweet 16%
Fort Orange All Mash Grower
Fort Orange All Mash Layer
Fort Orange Calf Grower & Booster
Fort Orange Fitting and Freshening Ration
Fort Orange Golden Test Ration
Fort Orange Green Roughage
Fort Orange Growing Mash
Fort Orange Laying Mash
Fort Orange Medicated Appetizer Mash
Fort Orange Milk Replacer
Fort Orange Pig & Hog Feed
Fort Orange Special Test Ration
Fort Orange Turkey Grower

BEACON MILLING CO., Spencer Kellogg Division of Textron, Inc., Cayuga, N. Y.

Beacon Balancer Pellets
Beacon Breeder All Mash A Medicated
Beacon Broiler Finisher AP Medicated
Beacon Calf Grow
Beacon Chinchilla Pellets
Beacon "15" Coarse Test Cow Ration
Beacon Complete Rabbit Pellets
Beacon Complete Starter NC Medicated
Beacon Complete Starter T Medicated
Beacon Dairy Fitting
Beacon Dienestrol Diacetate and Nicarbazin Mix mixed with Beacon Poultry Finisher
Beacon Dienestrol Diacetate and Nicarbazin Mix mixed with Beacon Poultry Finisher LL
Beacon Duck Breeder
Beacon Duck Breeder Developer
Beacon Duck Starter
Beacon Egg Check A Medicated
Beacon "22" Egg Mash
Beacon Goat Ration
Beacon Grower-All-Mash NC Medicated
Beacon "18" Growing Mash

BEACON MILLING CO., Spencer Kellogg Division of Textron, Inc. -Cont.

Beacon Hi-Energy Test Pel-ets
Beacon Hi-Energy "18" Test Pel-ets
Beacon Horse Feed
Beacon 0.11% Iodinated Casein Mix mixed with Beacon Duck Grower Finisher
Beacon LP Poultry Finisher AP Medicated
Beacon Market Egg All-Mash A Medicated
Beacon Medicated Booster Pellets
Beacon Medicated Broiler Mix 2CT-AP
Beacon Medicated Poultry Mix 2CT
Beacon Milk Check "16" Dairy Ration
Beacon Milk Check "18" Dairy Ration
Beacon Milk Check "20" Dairy Ration
Beacon Milk Check Fitting Ration
Beacon Milky Way "16" Pel-ets
Beacon Milky Way "18" Pel-ets
Beacon Milky Way "20" Pel-ets
Beacon "24" Mixer
Beacon Poultry Finisher AP Medicated
Beacon Roaster Finisher AP Medicated
Beacon Rumentrol
Beacon Starter Broiler AP Medicated
Beacon Sweet "16" Dairy Ration
Beacon "16" Test Cow Ration
Beacon "18" Test Cow Ration
Beacon "22" Turkey and Game Bird Grower
Beacon Turkey Breeder All-Mash
Beacon Turkey Finisher All-Mash
Beacon "20" Turkey Grower
Beacon "22" Turkey Grower C Medicated
Beacon Turkey & Poultry Fitting
Beacon Turkey Starter AP Medicated
Beacon Worm Mash
Be-Co Breeder A Medicated
Be-Co-Grower
Be-Co Grower NC Medicated
Be-Co-Lass
Be-Co-Nurse Milk Replacer
Pro-Pel "16" Dairy
SNE Succulent

THE BERKMAN GRAIN CO., North Franklin, Conn.

Nibco 18% Dairy Ration
Nibco Fitting Ration
Nibco Five Star Breeder
Nibco Five Star Light Breeder
Nibco Five Star Lo Color Medicated with Nicarbazin 0.010
Nibco Five Star Lo Color Medicated with Nicarbazin 0.010 & Dienestrol Diacetate 0.0023
Nibco Five Star Roaster Medicated with Nicarbazin 0.010
Nibco Five Star Roaster Medicated with Nicarbazin 0.010 & Dienestrol Diacetate 0.0023

THE BERKMAN GRAIN CO. -Cont.

Nibco Five Star Super Starter Medicated with Ampr. 0.0125
Nibco Five Star Super Starter Medicated with Nicarbazin 0.010 & 3-Nitro 0.005
Nibco Five Star Weight Maker
Nibco Five Star Weight Maker Medicated with Ampr. 0.0125
Nibco Five Star Weight Maker Medicated with Nicarbazin 0.010 & 3-Nitro 0.005
Nibco Five Star Weightmaker Medicated with Nicarbazin 0.010 & 3-Nitro 0.005 & Dienestrol Diacetate 0.0023
Nibco High Energy Layer
Nibco High Energy Laying & Growing Mash
Nibco Medicated Booster Crumbles
Nibco Medicated Booster Feed
Nibco Pullet Builder
Nibco Pullet Starter

BEST FOODS, Division of Corn Products Co., 54 Fulton St., Buffalo, N. Y.

Oat Mill By-Product

BLATCHFORD CALF MEAL CO., 2 East Madison St., Waukegan, Ill.

Blatchford's Calf Meal
Blatchford's Calf-Pab

BLOOMFIELD FARMERS' EXCHANGE, INC., Bloomfield, Conn.
Bloomfield Hominy Mix
Bloomfield 16% Dairy Ration
Hominy Feed (Mfd. by Cooperative Grange League Federation Exchange, Inc., Mills Div., P. O. Box 973, Buffalo, N.Y.)

BROOKLAWN FEED CO., 321 Sylvan Ave., Bridgeport, Conn.
Brooklawn Feed Sweet Mix
Brooklawn High Energy Layer

BROWN-FORMAN DISTILLERS CORP., P. O. Box 1080, Louisville, Ky.

Brown-Forman Corn Distillers Dried Grains
Brown-Forman Corn Distillers Solubles

BUCKEYE COTTON OIL, Division of Buckeye Cellulose Corp., Cincinnati, Ohio

Buckeye 41% Protein Solvent Extr. Cottonseed Meal

BURGEO FISH INDUSTRIES, LTD., Burgeo, Newfoundland

Registered by Boston Feed Supply, Boston, Mass.

Caribou Brand Fish Meal

CALVERT MILLING CO., Hoytville, Ohio

17% Dehydrated Alfalfa Meal

CAMDEN GRAIN CO., 1709 Kossuth St., Camden, N. J.

Camden Brand Dried Brewers Grain

THE CANADA LINSEED OIL MILLS, LTD., 2215 Notre Dame St., East Montreal 24, Quebec, Canada

Maple Leaf Expeller Linseed Meal

THE A. B. CAPLE CO., Toledo, Ohio

17% Capex Dehydrated Alfalfa Meal-Reground Pellets
Sun-cured Alfalfa Crumbles

CARGILL, INC., 200 Grain Exchange Bldg., Minneapolis 15, Minn.

Cargill, Inc., 32% Protein Solvent Extracted Linseed Oil Meal
Cargill, Inc., 34% Protein Solvent Extracted Linseed Oil Meal
Cargill, Inc., 44% Protein Solvent Extracted Soybean Meal
Cargill, Inc., 50% Protein Solvent Extracted Dehulled Soybean Meal

CARLING BREWING CO., 9400 Quincy Ave., Cleveland, Ohio

Carling Brewers Dried Grains

CENTRAL CONN. CO-OP. FARMERS ASS'N., INC., Manchester, Conn.

Honest Brand Aureomycin Mix 100 grams
Honest Brand Aureomycin Mix 200 grams
Honest Brand Complete Breeder Mash
Honest Brand Complete Ration High Energy Growing Mash
Honest Brand Complete Ration High Energy Growing Mash Medicated with Furazolidone 0.022
Honest Brand Complete Ration High Energy Growing Mash Medicated with Sulfaquinoxaline 0.0125
Honest Brand Complete Ration High Energy Growing Mash Medicated with Sulfaquinoxaline 0.015
Honest Brand Complete High Energy Laying Mash
Honest Brand Complete Ration High Energy Laying Mash Med.
Honest Brand Complete Ration High Energy Laying Mash Medicated Poultry Feed
Honest Brand Nu Weigh-Hi Broiler Finisher Mash
Honest Brand Nu Weigh-Hi Broiler Mash Medicated
Honest Brand Nu Weigh-Hi Starter Mash Medicated
Honest Brand Triple Mix

CENTRAL SOYA, McMillen Feed Division, 300 Ft. Wayne Bank Bldg., Ft. Wayne, Ind.

Forty-Four 44% Solvent Extracted Soybean Meal
Master Mix All Mash Egg Mash 217
Master Mix All Mash Layer 215
Master Mix All Mash Pullet Developer
Master Mix All Mash Pullet Grower 135
Master Mix All Mash Pullet Grower Medicated
Master Mix All Mash Turkey Breeder Pellets 437
Master Mix All Mash Turkey Breeder Pellets 437C-41B Med.
Master Mix All Mash Turkey Grower 421
Master Mix Blended Fifty 675
Master Mix Bloom 'N Gain Concentrate 765L
Master Mix Bloom 'N Gain Concentrate 765L-37A

CENTRAL SOYA, McMillen Feed Division -Cont.

Master Mix Broiler Finisher 324-04A Medicated
Master Mix Broiler Finisher 324-16C Medicated
Master Mix Broiler Finisher 323-71F Medicated
Master Mix Broiler Finisher Concentrate 375
Master Mix Broiler Finisher Concentrate 375-04C Medicated
Master Mix Broiler Finisher Concentrate 375-16B Medicated
Master Mix Broiler Finisher Concentrate 375-71P Medicated
Master Mix Broiler Starter Concentrate 351
Master Mix Broiler Starter Concentrate Medicated 351-16A
Master Mix Broiler Starter Concentrate "A" 353-16F Med.
Master Mix Broiler Starter Medicated 308-16C
Master Mix Broiler Starter Medicated 308-77L
Master Mix Calflac Medicated
Master Mix Calf-Mixer
Master Mix Calf Starter
Master Mix Caponette Finisher 337-16D Medicated
Master Mix Caponette Finisher 337-77L Medicated
Master Mix Caponette Finisher Concentrate 383-16E Med.
Master Mix Cattle Blend Concentrate 764K
Master Mix Cattle Blend Concentrate 764K-37A
Master Mix Central Soybean Mill Run
Master Mix Chick Concentrate
Master Mix Chick Concentrate 153-04G Medicated
Master Mix Chick Starter 103-04A Medicated
Master Mix Complete Breeder 041
Master Mix Complete Layer 218
Master Mix Complete Rabbit Pellets 961 Medicated
Master Mix Complete Turkey Finisher
Master Mix 38% Dairy Concentrate 671
Master Mix 38% Dairy Concentrate 671-03M Medicated
Master Mix 50% Dairy Concentrate 675
Master Mix Dairy Developer Concentrate 651
Master Mix Eastern Big "M" Dairy Feed 622
Master Mix Eastern Dry 'N Fresh 605
Master Mix Egg Concentrate
Master Mix Egglac Pellets 223
Master Mix Egglac Pellets 223
Master Mix Egglac Pellets 223-41B
Master Mix Egg Mash
Master Mix Farro Aid 180 Medicated
Master Mix Flaked Soybean Hulls
Master Mix Gro-Getter Concentrate 767L
Master Mix Gro-Getter Concentrate 767L-37A
Master Mix Gro-Getter Concentrate 767M-42A Medicated
Master Mix H. C. All Mash Breeder 043
Master Mix H. C. Breeder Concentrate 087
Master Mix H. C. Egglac Pellets 221
Master Mix H. C. Egglac Pellets 221-41B
Master Mix HQ 16% Dairy
Master Mix HQ Master Blend Concentrate 667
Master Mix 35% Hog Concentrate
Master Mix 12% Hog Finisher 821-01A Medicated
Master Mix Hog Finisher Concentrate 889

CENTRAL SOYA, McMillen Feed Division -Cont.

Master Mix Horse Feed
Master Mix Layer Concentrate 265
Master Mix Liponette Finisher with 0.0035% Dienestrol Diacetate
Master Mix Medicated Baby Pig Creep 801-99A
Master Mix Medicated Bio-5
Master Mix Medicated Bio-5 Concentrate 376-03G
Master Mix Medicated Bio-21 Concentrate 350-03N
Master Mix Medicated Bio-21
Master Mix Medicated Biofeed 100 (91A)
Master Mix Medicated Biofeed 200
Master Mix Pig-ets 809-95A Medicated
Master Mix Pig & Sow Feed 827-01A Medicated
Master Mix Pig-ets 809-99A Medicated
Master Mix Pig Grower Concentrate 859-01B Medicated
Master Mix Pig Grower Concentrate 859-52B Medicated
Master Mix Pig Wormer 831-31A
Master Mix Poult Concentrate 451
Master Mix Poult Pre Starter 405-66B Medicated
Master Mix Poult Starter 401-83A Medicated
Master Mix Pullet Concentrate 163
Master Mix Pullet Concentrate 163-O4H Medicated
Master Mix Pullet Grower 119-04D Medicated
Master Mix Roaster Finisher 323-16C Medicated
Master Mix Roaster Starter Medicated
Master Mix Sow and Pig Feed 827
Master Mix Sow Concentrate 853
Master Mix Special 16% Dairy 630
Master Mix Sweet Bulk 'N Flakes 648
Master Mix Sweet 16% Dairy Feed 620
Thrifty-Fifty 50% Solvent Extracted Dehulled Soybean Meal

CIBA PHARMACEUTICAL PRODUCTS, Division of Ciba Corp., 556 Morris Ave., Summit, N. J.

Serpasil[R] - Reserpine Premix CIBA - Medicated

CITRUS FEED CO., P. O. Box 513, Lakeland, Fla.

Florida Crest All Sweet Dried Citrus Pulp

CLINTON CORN PROCESSING CO., Clinton, Iowa

(See also Vitamin Carriers)

Clinton 21% Protein Corn Gluten Feed
Clinton 41% Protein Corn Gluten Meal

CLYDE MILLING CORP., 15 Sodus St., Clyde, N. Y.

Clyde Horse Feed

COMMERCIAL SOLVENTS CORP., 260 Madison Ave., New York, N. Y.

Soluferm (R) Basic - Corn Distillers Dried Grains with Solubles

CONN. BI-PRODUCTS, INC., Hop River Rd., Columbia, Conn.

Hydrolyzed Poultry Feathers
Poultry By-Product Meal

CONSOLIDATED BLENDERS, INC., P. O. Box 689, Fremont, Neb.

17% Dehydrated Alfalfa Meal with Animal Fat Merry Mixer Granules

CONSOLIDATED RENDERING CO., 178 Atlantic Ave., Boston 10, Mass.

Corenco Feeding Bone Meal
Corenco 47% Meat & Bone Scrap
Corenco 50% Meat & Bone Scrap

CORN PRODUCTS CO., 717 Fifth Ave., New York 22, N. Y.

Diamond Brand 41% Corn Gluten Meal
Buffalo Brand 21% Protein Corn Gluten Feed

CROMPTON GRAIN CO., 100 Pulaski St., W. Warick, R. I.

Master Made All Mash Layer
Master Made Roaster Finisher Medicated

DCA FOOD INDUSTRIES, INC., Ellicott City, Md.

Domaco Pure Winter Wheat Bran
Domaco Wheat Middlings

DARI-DRI CO., Division of Milk Specialties, Inc., 260 S. Washington, Dundee, Ill.

(See also Vitamin Carriers)

Dari Dri Veal Formula

DAWNWOOD FARMS, Smithfield Rd., Amenia, N. Y.

(See also Vitamin Carriers)

Dawnwood Farms CAF-STAR Formula Feed for Calves

DECATUR ELEVATOR CO., 518 East Gault St., Decatur, Ill.

Illini Brand Expeller Type 43% Soybean Oil Meal

DELAWARE MILLING CO., INC., Deposit, N. Y.

Camp's Milk Replacer for Calves and Pigs
Delaware Rabbit Pellets
Delaware Scratch Grains
Eastern Connecticut Grain Associates Growing Mash
Eastern Connecticut Grain Associates Laying Mash
Middlesex All Mash Layer
Warren's C and C Complete Laying Mash
Warren's C and C Laying Mash
Warren's Fitting Ration
Warren's Indian 16% Dairy
Warren's 16% Test Ration
Warren's 20% Test Ration
Warren's Turkey Growing Mash

THE DELPHOS GRAIN & SOYA PRODUCTS CO., Delphos, Ohio

44% Protein Soybean Meal (Solvent Extracted)

DERBY FEED STORE, 176 Main St., Derby, Conn.

Litsky's Hi-Energy All Mash Grower
Litsky's Hi-Energy All Mash Layer
Litsky's Hi-Energy Layer
Litsky's Hi-Energy Starter Broiler Medicated (Litsky's SQ Mixture)
Litsky's Sweet 16% Dairy Ration

E. I. du PONT de NEMOURS & CO., 6054 Du Pont Bldg., Wilmington, Del.

DU PONT TWO-SIXTY TWO Feed Compound

EASTERN STATES FARMERS' EXCHANGE, INC., 26 Central St., West Springfield, Mass.

(See also Vitamin Carriers)

Alfapels
Beefmix - Diethylstilbestrol
Bre-Bits Medicated
Broiler Finisher Medicated
Broiler Starter Medicated
Calf Starter
Cashmaker Medicated
Champion
Choicemaker Medicated
Choicemaker WM Medicated
Class Leader
CM-102 (Lipamone Roaster 1.2 Medicated)
Darimore
Fifty Mix
Fulpail
Gee-Mix
Goalmaker Medicated
Gro-Bits-Medicated
Gro-Bits-WM-Medicated
Lay Bits Medicated
Lay-Mix Medicated
Matchmaker Medicated
Medicated Defender
Medicated Lacto-Life
Medicated Minuteman
Medicated Minuteman - SQ
Medicated Sentinel
Medicated Turkey Starter-F
Milkerpels
Milkerpels 14
Milkerpels 16 WA Medicated
Milkerpels 20
Milkmore
Milksaver
Pacemaker Medicated
Pel-22 Medicated

EASTERN STATES FARMERS' EXCHANGE, INC. -Cont.

Pel-Gro-WM
Pel-Gro-Medicated
Pel-Lay-Medicated
Pork Builder
Pork Finisher Mix
Pork Gainer Medicated
Porklets (Protein 40., Fat 1.5, Fiber 4.)
Porklets (Protein 40., Fat 1.5, Fiber 6.)
Porkmix (Protein 40., Fat 1.5, Fiber 4.)
Porkmix (Protein 40., Fat 1.5, Fiber 6.)
Pork Primer Medicated
Poultry Wormer
Protek A Medicated
Protek F-Medicated
Rabettes Medicated
Roaster Finisher - Medicated
Supmix
Sweepstakes (Protein 16.0, Fat 3.0, Fiber 7.5)
Sweepstakes (Protein 16.0, Fat 3.0, Fiber 9.0)
Tastibulk
Tastipels
Thriftmaker
Trim-Maker
Turkey Grower
Turkey Grower-C-Medicated
Turkey Starter Medicated
Turkey Breeder
Turkey Finisher
Turkey Finisher-C-Medicated

ECKHART MILLING CO., 1300 W. Carroll Ave., Chicago, Ill.

Ecko Pure Wheat Bran
Wheat Middlings with Ground Wheat Screenings

ELMORE MILLING CO., INC., 52 Main St., Oneonta, N.Y.

Elmore Bulky Base
Elmore Bull Feed
Elmore Calf Grain Ration
Elmore Chixsaver
Elmore Chixsaver (1S)
Elmore Complete Calf Milk Replacer
Elmore Complete Growing Mash
Elmore Complete Growing Ration (1S) Medicated
Elmore Complete Growing Ration Medicated
Elmore Complete Growing Ration Medicated N.F. 180
Elmore Complete Laying Mash
Elmore Complete Market Egg Ration
Elmore Complete Turkey Growing Mash
Elmore Dry and Freshening Ration
Elmore Duck Grower Pellets
Elmore Egg Mash
Elmore Fitting Ration 14%
Elmore Flaked Pelleted Calf Starter

ELMORE MILLING CO., INC. -Cont.

Elmore Game Bird Breeder Mash
Elmore Game Bird Grower
Elmore Game Bird Grower Medicated (1S)
Elmore Game Bird Starter (1S)
Elmore Grand Champion Ration
Elmore Hog Ration
Elmore Horse Feed
Elmore Maximilk Ration
Elmore Medicated Mash
Elmore Milk Grains "Sixteen"
Elmore Milk Grains "Twenty"
Elmore Pacemaker 16% Dairy Ration
Elmore Picker-Upper Mash (2A)
Elmore Rabbit Ration Pellets
Elmore Restricted Grower Medicated (1S)
Elmore Test Ration 16%
Elmore Test Ration 18%
Elmore Turkey Finisher (Fattener)
Elmore Turkey Starting Mash (1-S)

JOHN W. ESHELMAN & SONS, Lancaster, Pa.

Lancaster 16 Dairy Feed
Lancaster 20 Dairy Feed
Lancaster Scratch Grains
Pennsy Complete Laying Ration
Pennsy 16 Dairy Feed
Pennsy Laying Mash
Red Rose Broiler Finisher
Red Rose Calf Grower
Red Rose Calf Starter
Red Rose Chick Grains
Red Rose Chick Starter-Medicated (110-E)
Red Rose Complete Breeder Ration
Red Rose Complete Game Bird Grower
Red Rose Complete Growing Ration
Red Rose Complete Laying Ration
Red Rose Complete Turkey Finisher
Red Rose Complete Turkey Finisher (Medicated-313-C)
Red Rose Complete Turkey Grower
Red Rose Complete Turkey - Medicated (312-C)
Red Rose 16 Dairy Feed
Red Rose 18 Dairy Feed
Red Rose Duck Grower & Breeder
Red Rose Equinader
Red Rose Fitting Ration
Red Rose Goat Ration
Red Rose Growing Mash
Red Rose Horse Feed
Red Rose Intermediate Chick Grains
Red Rose Laying Mash
Red Rose Medicated T-C Feed
Red Rose Milk Replacer
Red Rose Pigeon Feed

JOHN W. ESHELMAN & SONS -Cont.

Red Rose Porkmaker
Red Rose Rabbit Pellets
Red Rose Rabbit Pellets Medicated
Red Rose Rumenator (Dairy Booster)
Red Rose Scratch Grains
Red Rose Starter & Grower
Red Rose 14 Test-Cow Feed
Red Rose Turkey & Poultry Fitting Feed
Red Rose Turkey Starter
Red Rose Wild Bird Feed
S-O-S
Solvent Extracted 41% Cottonseed Meal

EVANS MILLING COMPANY, INC., 1730 W. Michigan St., Indianapolis, Ind.

Emco Hominy Feed

EVANS PACKING CO., Dade City, Fla.

Evans Brand Citrus Pulp

FARM BUREAU ASSOCIATION, 155 Lexington St., Waltham, Mass.

Farm Bureau Advancer 16% Pellets
Farm Bureau Chick Starter Medicated
Farm Bureau Complete Grower Layer Mash or Pellets Medicated
Farm Bureau 16% Dairy Ration
Farm Bureau Fitting Ration
Farm Bureau Milk Replacer
Farm Bureau Rabbit Food Pellets
Farm Bureau Rabbit Food Pellets Medicated

FARMERS FEED COMPANY, 375 Johnson Ave., Brooklyn 6, N. Y.

"Bull Brand" Brewers Dried Grains

FEED SERVICE CORP., Box 270, Berks Siding, Crete, Neb.

Morea Liquid Feed (R) Pre-Mix M-87.5R6

FISH PRODUCTS COMPANY, Fort Miles Rd., Lewes, Del.

Smith's Lifeline Brand Fish Meal Stabilized with (Food Grade) Butylated-Hydroxy-Toluene

FISH PRODUCTS COMPANY OF NEW JERSEY, Tuckerton, N. J.

Smith's Lifeline Fish Meal Stabilized with (Food Grade) Butylated-Hydroxy-Toluene

FLORIDA CITRUS CANNERS COOPERATIVE, Lake Wales, Fla.

Lake Wales Brand Citrus Pulp

GENERAL FOODS CORP., 1551 East Willow St., Kankakee, Ill.

Burt's Hominy Feed

GENERAL MILLS, INC., 9200 Wayzata Blvd., Minneapolis 26, Minn.

General Mills Adrian Wheat Red Dog
General Mills Medicated Poultry SureLift (.011 FRZ)
General Mills Medicated Poultry SureLift (.022 FRZ)
General Mills Medicated SureLift 16
General Mills Medicated SureLift 27 (FRZ)
General Mills Poultry Surehatch Complete "H-E" (FRZ) Med.
General Mills SureCalf
General Mills SureChick
General Mills SureChick (ZOL) Medicated
General Mills SureGrow Complete "H-E"
General Mills SureGrow Complete "H-E" (.0083 ZOL) Med.
General Mills SureLay "H-E"
General Mills SureLay "H-E" (FRZ-1) Medicated
General Mills SureLay Complete "H-E"
General Mills SureMilk 14
General Mills SureMilk 16
General Mills SureMilk 32
General Mills SureRaise Medicated (CHL)
General Mills SureTasty 16 Pellets
General Mills SureTasty 20 Pellets
General Mills Wheat Bran with Ground Wheat Screenings
General Mills Wheat Middlings with Ground Wheat Screenings
Purity Oat Mill By-Product
Purity Pulverized White Oats

GLOUCESTER BY-PRODUCTS, INC., State Fish Pier, Gloucester, Mass.

Globpro Brand 60% Protein Fish Meal

GOLDEN GEM GROWERS, INC., Umatilla, Fla.

Golden Gems Sweet Dried Citrus Pulp

GOLDENROD OIL MEAL SALES CO., Memphis, Tenn.

Goldenrod Brand 41% Protein Cottonseed Meal-Prime Quality

W. R. GRACE & CO., Nitrogen Products Division, 147 Jefferson St., Memphis, Tenn.

Grace Micro Prilled Urea Feed Compound

D. H. GRANDIN MILLING CO., Jamestown, N. Y.

Grandin's Dairy Maid 16
Grandin's 14 Fit-Fresh Produce
Grandin's 14% Fitting Ration
Grandin's Hi-Pro Pellets
Grandin's 16 Milk Maker
Grandin's 16 Milk Producer
Grandin's Pig & Sow Feed
Grandin's Summit Test Ration
Grandin's Super Complete Grow & Lay (Pellets)
Grandin's Super Layer
Grandin's Super-Tone

THE GREAT ATLANTIC & PACIFIC TEA CO., 817-512 Nicollet Bldg., Minneapolis, Minn.

Daily Egg Laying Mash

GREAT STAR FLOUR MILLS, LTD., St. Marys, Ontario, Canada

Great Star Shorts

GREEN ACRE FARMS, Nazareth, Pa.

Green Acre's Brand 17% Dehydrated Alfalfa Meal with Ethoxyquin

HALES & HUNTER CO., 141 W. Jackson Blvd., Chicago, Ill.

Pioneer Beef Fitting Ration
Pioneer Calf Starter
Pioneer 16 Dairy
Pioneer 16 Dairy NE
Pioneer Dairy Fitting Feed
Pioneer Dairy Production 16
Pioneer 16 Dairy Production Pellets
Pioneer Dairy Production 18
Pioneer Dry & Freshening
Pioneer 14 High Energy Dairy
Pioneer 14 High Energy Dairy NE
Pioneer Hog Finisher
Pioneer Horse Feed
Pioneer Milk Replacer Medicated
Pioneer 16 Milker Pellets
Pioneer 16 Milker Pellets NE
Pioneer 16 Milker (Riverdale-Southern)
Pioneer Pelleted Flaked 15 Dairy
Pioneer Pig Gro-Pel Medicated
Pioneer Rabbit Pellets
Pioneer Sup-Pel Pellets
Pioneer Vig-R-Calf Medicated
Pioneerway Dry and Freshening
Pioneerway Horse Feed
Red Comb Broiler Finisher
Red Comb Broiler Starter
Red Comb Broiler Starter AM Medicated
Red Comb Chick Starter ZO Medicated
Red Comb Complete Broiler-Type Breeder
Red Comb Complete Grower
Red Comb Complete Layer 15 Medicated
Red Comb Complete Layer 16 Medicated
Red Comb Scratch Feed
Red Comb Turkey Broiler Finisher
Red Comb Turkey Finisher 17
Red Comb Turkey Grower 23

HAYWARD, INC., Oak Harbor, Ohio

Dehydrated Alfalfa Meal
Dehydrated Alfalfa Meal (17%)

HI-ACRES CONCENTRATE, INC., P. O. Box 7127, Orlando, Fla.

Hi-Acres All Sweet Dried Citrus Pulp

HOLLY SUGAR CORP., Colorado Springs, Col.

Dried Beet Pulp and Beet Molasses

H. P. HOOD & SONS, INC., 500 Rutherford Ave., Boston 29, Mass.

Hood Milk Replacer
Hood Pep-Lac
Hood Whey-Lac
Powdered Skim Milk

H. P. HOOD & SONS, INC., Dunedin, Fla.

Hood Citrus Pulp

THE HUBINGER COMPANY, Keokuk, Iowa

Ke OK uk Brand Corn Gluten Meal
Ke OK uk Brand 21% Protein Corn Gluten Feed

ILLINOIS CEREAL MILLS, INC., Paris, Ill.

Hominy Feed

INDUSTRIAL MOLASSES CORP., 321 Ft. Lee Rd., Leonia, N. J.

Dried Beet Pulp

INTERNATIONAL MILLING CO., 1200 Investors Bldg., Minneapolis, Minn.

Blackhawk Wheat Bran with Ground Mixed Screenings
Blackhawk Wheat Middlings with Ground Mixed Screenings
Target Wheat Red Dog

HERMAN ISACS, INC., Bridgeport, Conn.

Hi Test Meat & Bone Meal

KELLOGG CO. OF CANADA, LTD., Box 517, London, Ont., Can.

Hominy Feed

KELLOGG SALES CO., Battle Creek, Mich.

Kellogg's Kel-Aid
Kellogg's No. 1009 Kel-Blend
Kellogg's No. 1003 Mink Conditioner
Kellogg's No. 1007 Mink Mix
Kellogg's No. 1001 Mink Ration

SPENCER KELLOGG, Division of Textron, Inc., 120 Delaware Ave., Buffalo 5, N. Y.

Spencer Kellogg's 32% Protein Old Process (Expeller) Linseed Meal

KEYSTONE DEHYDRATORS, Box 204, Nazareth, Pa.

Keystone Super Green Dehydrated Alfalfa Meals with Ethoxyquin

KRAFT FOODS, Div. of National Dairy Prod. Corp., 99 Park Ave., New York 16, N. Y.

(See also Vitamin Carriers)

KAFF-A Booster Pellets
Pace Booster Pellets for Horses, Ponies and Colts
PEX Self Feeder Whey Block for Chickens and Turkeys

CHARLES A. KRAUSE MILLING CO., 404 East State St., Milwaukee, Wis.

Badger Yellow Hominy Feed

KUDER PULP SALES CO., Lake Alfred, Fla.

Kuder Dried Citrus Pulp, High Sugar

LAKE STATES YEAST & CHEMICAL, Div. of St. Regis Paper Co., 603 W. Davenport St., Rhinelander, Wis.

Dried Torula Yeast

LAUHOFF GRAIN CO., Danville, Ill.

Vermilion Hominy Feed

LAUHOFF SOYA CO., Danville, Ill.

44% Protein Solvent Extracted Soybean Oil Meal

THE LIBNER GRAIN CO., 25 Commerce St., Norwalk, Conn.

Libner's Blue Ribbon Growing Mash
Libner's Blue Ribbon Horse and Calf Ration
Libner's Blue Ribbon Milk Egg Mash

L. B. LOVITT & CO., Memphis, Tenn.

"LOVIT BRAND" 41% Protein Cottonseed Meal Prime Quality

MACHNICKI'S GRAIN STORE, Jewett City, Conn.

Machnicki Calf Starter
Machnicki's Dry & Fresh
Machnicki's Hi-Energy All Mash Layer
Machnicki Hi-Q 16% Dairy
Machnicki Prime Finisher Medicated
Master Made Broiler Starter with Amprolium 0.0125%

MAK MOR CORP., P. O. Box 123, Clinton, Mass.

Mak Mor Morea (R) M-30 (Liquid Feed Supplement for Ruminants Only)

THE MANITOBA SUGAR CO., LTD., Winnipeg, Manitoba, Canada

Registered by Mowat, Wilson & Co., Detroit 35, Mich.

Dried Beet Pulp
Molasses Dried Beet Pulp

MAXON MILLS, INC., Wassaic, N. Y.

Maxon 16% Dairy
Maxon 14% Fitting
Maxon 16% Test
Maxon 18% Test

McCABE GRAIN CO., LTD., 409 Grain Exchange Bldg., Winnipeg 2, Manitoba, Canada

Ground Mixed Screenings

THE MENNEL MILLING CO., 128 W. Crocker St., Fostoria, Ohio

Memo Pure Wheat Bran
Memo Wheat Middlings with Ground Wheat Screenings

MERCK & CO., INC., Rahway, N J.

(See also Vitamin Carriers)
Amprol 25%
Glycamide 12%

MINER-HILLARD MILLING CO., Wilkes-Barre, Pa.

Choice Steam Cooked Hominy Feed

MINNESOTA LINSEED OIL CO., Minneapolis 21, Minn.

32% Protein Solvent Extracted Linseed Meal

MINUTE MAID CORP., P. O. Box 720, Leesburg, Fla.

Golden Isle Citrus Pulp

MOLSON'S BREWERY, LTD., Montreal, Canada

Molson's Brewers Dried Grains

GEO. Q. MOON & CO., INC., Binghamton, N. Y.

Moon Baby Chick Grains
Moon Complete Laying Mash
Moon 16% Dairy Ration
Moon 20% Dairy Ration
Moon Hog Feed
Moon Horse Feed
Moon Laying Mash
Moon Rabbit Pellets
Moon Scratch Feed
Moon Starter Mash

JAS. F. MORSE & CO., 11 Horace St., Somerville 43, Mass.

Morse's 47% Meat & Bone Meal

MOWAT, WILSON & CO., 15325 W. 7 Mile Rd., Detroit 35, Mich.

Dried Beet Pulp
Dried Beet Pulp and Beet Molasses

NAPPANEE MILLING CO., INC., 301 S. Jackson St., Nappanee, Ind.

Hominy Feed

NATIONAL ALFALFA DEHYDRATING & MILLING CO., 4010 Washington St., Kansas City, Mo.

Krumbles
National 18% Hi-N Dehy. Alfalfa Meal (Pellets)
National 15% Protein Dehy. Alfalfa Meal
National 20% Dehydrated Alfalfa Meal with Ethoxyquin
National 17% Protein Dehydrated Alfalfa Meal with Ethoxyquin

NATIONAL BISCUIT CO., Toledo Mill, 2221 Front St., Toledo, Ohio

Namico (Reg. U. S. Pat. Office)
Pure Wheat Bran

NATIONAL DISTILLERS PRODUCTS CO., Div. of National Distillers & Chemical Corp., 99 Park Ave., New York, N. Y.

Corn Distillers Dried Grains

NATIONAL DISTILLERS PRODUCTS CO. -Cont.

Nadrisol Brand Corn Distillers Dried Solubles
Produlac Brand Corn Distillers Dried Solubles with Grains

NATIONAL OATS CO., Cedar Rapids, Iowa

Red-3 Reground Oat Mill By Product

NEW JERSEY FLOUR MILLS CO., 1-11 Chester St., Clifton, N.J.

Clifton Wheat Bran
Jersey Flour Middlings
Jersey Wheat Bran

NOPCO CHEMICAL CO., 60 Park Place, Newark, N. J.

(See also Vitamin Carriers)

Nopco Pak Hi Lay Premix Code EZW
Nopdex "3000"
Nopco Pak Super Premix Code FGY

NORTH AMERICAN TRADING & IMPORT CO., Philadelphia 2, Pa.

Natico Dry Cane Molasses Product

NORTHERN OHIO SUGAR CO., 1530 Sixteenth St., Denver 2, Col.

GW Dried Beet Pulp
GW Dried Beet Pulp and Beet Molasses

OGDEN GRAIN CO., Utica, N. Y.

Ogden C. L. Special 15
Ogden C. L. Special 16
Ogden Complete Chick Starter Medicated
Ogden Complete Chick Starter Medicated with Sq. 0.0175
Ogden Complete Layer Medicated
Ogden Hi Energy Laying
Ogden Hi-Energy Laying Mash Medicated
Ogden 16% Hi-Kal Dairy Pellets
Ogden Hi-Value Complete Layer
Ogden Horse Feed
Ogden Life Span 15
Ogden Life Span 18
Ogden Medicated Complete Calf Starter
Ogden Milk Replacer
Ogden Premium Dry & Freshening Ration
Ogden Premium 20% Milk Ration
Ogden Premium 16 Pel-Flake
Ogden Premium 18 Pel-Flake
Ogden Premium Test Cow 16
Ogden Premium 18% Test Cow Ration
Ogden RS 10 Roughage Supplement
Ogden Rabbit Pellets
Ogden Reliable 16% Dairy Ration
Ogden Reliable Fitting Ration
Ogden Scratch Grains
Ogden Super Hi-Energy Laying Feed
Super Pig Ration

OHIO BLENDERS, INC., 2404 Summit St., Toledo 11, Ohio

Big "O" Dehydrated Alfalfa

OLIN MATHIESON CHEMICAL CORP., 10 Light St., Baltimore, Md.

Urea - Feed Compound

PACIFIC MOLASSES CO., 215 Market St., San Francisco, Cal.

Cane Molasses

PASCO PACKING CO., P. O. Box 97, Dade City, Fla.

O-Mi-O Citrus Pulp
Sugar Sweet Citrus Pulp

PATENT CEREALS CO., Geneva, N. Y.

Hominy Feed

PENICK & FORD LTD., INC., Cedar Rapids, Iowa

Douglas Corn Gluten Meal
21% Protein Douglas Corn Gluten Feed

PENNSYLVANIA HIDE & RENDERING CO., Div. of The Van Iderstine Co., P. O. Box 127, Avoca, Pa.

Pennsylvania Meat and Bone Scraps

THE PHILADELPHIA SEED CO., INC., P. O. Box 934, Philadelphia 5, Pa.

Pigeonetts by PURGRAIN

THE PILLSBURY CO., Minneapolis, Minn.

Pillsbury"s XX Daisy (Wheat Reddog)
Pillsbury's Wheat Bran with Ground Wheat Screenings
Pillsbury's Wheat Germ Meal
Pillsbury's Wheat Middlings with Ground Wheat Screenings

PILLSBURY CANADA LTD., Midland, Ontario, Canada

Dandy Wheat Bran

PUBLICKER INDUSTRIES, INC., 1429 Walnut St., Philadelphia 2, Pa.

Paco Molasses Distillers Dried Solubles

THE QUAKER OATS CO., Merchandise Mart Plaza, Chicago 54, Ill.

Ful-O-Pep Calf Ration
Ful-O-Pep Calf Starter
Ful-O-Pep Chick Starter
Ful-O-Pep Chick Starter (Q2)
Ful-O-Pep Derwood Horse Crunch
Ful-O-Pep Egg Breeder Mash
Ful-O-Pep Egg Breeder Ration
Ful-O-Pep Gro-Pork (280K)
Ful-O-Pep Growing Mash
Ful-O-Pep Growing Mash (Q3)

THE QUAKER OATS CO. -Cont.

Ful-O-Pep Growing Ration
Ful-O-Pep Growing Ration Q1
Ful-O-Pep Horse Feed
Ful-O-Pep Laying Mash
Ful-O-Pep Laying Ration
Ful-O-Pep Medicated Super Greens Pellets (C2D1)
Ful-O-Pep Pig-N-Sow Ration
Ful-O-Pep Pig Starter (K)
Ful-O-Pep Pullet Developer
Ful-O-Pep Pullet Developer (Q1)
Ful-O-Pep Rabbit Ration (C4)
Ful-O-Pep Super Egg Breeder Ration (A)
Ful-O-Pep Super Greens Pellets
Ful-O-Pep Super Laying Ration (A) Medicated
Ful-O-Pep Super Milking Feed
Ful-O-Pep Super Milking 32
Muffets Shredded Wheat Feed
Quaker Sugared Schumacher Feed
Vim Oat Mill By-Product
Yellow Hominy Feed S

RALSTON PURINA CO., 835 S. Eighth St., St. Louis, Mo.

Aureomycin Etts
Checkerboard Pasture Ration L
Custom Breeder
Custom Developer
Custom Developer ZO Medicated
Custom Grower
Custom Grower ZO Medicated
Northeastern Scratch Feed
41% Protein Solvent Extracted Cottonseed Meal
44% Protein Solvent Extracted Soybean Oil Meal
50% Protein Dehulled Solvent Extracted Soybean Meal
Purina All-In-One Horse Chow
Purina B & M Cow Chow G
Purina Baby Pig Chow Medicated
Purina Breeder Eggena NE
Purina Breeder Layena
Purina Broiler Chow Medicated
Purina Broiler Chow MP Medicated
Purina Broiler Chow Finisher (E) No. 1
Purina Broiler Chow Finisher (E) No. 1 AB Medicated
Purina Broiler Chow Finisher (E) No. 1 AB MP Medicated
Purina Broiler Chow Finisher (E) No. 1 MP Medicated
Purina Broiler Chow Finisher No. 1 Medicated
Purina Broiler Chow Finisher No. 1 AB Medicated
Purina Broiler Chow Finisher No. 1 AB MP Medicated
Purina Broiler Chow Finisher No. 1 MP Medicated
Purina Broiler Chow Finisher No. 2
Purina Broiler Chow Finisher No. 1 Medicated with .007% Dienestrol Diacetate
Purina Broiler Chow Finisher No. 1 BI Medicated with .007 Dienestrol Diacetate Mixture

RALSTON PURINA CO. -Cont.

Purina Broiler Chow Finisher No. 1 E Medicated with .007 Dienestrol Diacetate
Purina Broiler Chow Finisher No. 1 E BI Medicated with .007 Dienestrol Diacetate Mixture
Purina Broiler Chow Starter Medicated
Purina Broiler Chow Starter MP Medicated
Purina Broiler Chow Starter NC Medicated
Purina Bulky Las
Purina Calf Startena
Purina Calf Startena (Coarse)
Purina Capena MP Medicated
Purina Chick Chow (Coarse)
Purina Chick Chow (Fine)
Purina Chick Growena
Purina Chick Growena ZO Medicated
Purina Chick Growing Chow
Purina Chick Startena
Purina Chick Startena ZO Medicated
Purina Chick Startena ZO-V Medicated
Purina Complete Sow Chow
Purina Cow Chow Concentrate G
Purina Cow Chow Concentrate 36%
Purina Cow Chow D (B) 16%
Purina Cow Chow D 20%
Purina Cow Chow D (U) 16%
Purina Cow Chow D (U) 20%
Purina D & F Chow (Coarse)
Purina Dairy Chow L 14% (Coarse)
Purina Dairy Chow L 16%
Purina Duck Growena B
Purina Egg Chow T
Purina Eggena
Purina Eggena NE
Purina Fox Chow
Purina Game Bird Breeder Layena (Complete Ration) 5438
Purina Game Bird F & M Chow
Purina Game Bird Finisher
Purina Game Bird Startena
Purina Goat Chow (Coarse)
Purina Goat Chow (Checkers)
Purina Hen Chow D
Purina Hog Finisher No. 1 Medicated
Purina Horse Chow Checkers
Purina Hygromix[R]
Purina Lay Chow
Purina Layena
Purina Medicated Chek-R-Aid
Purina Medicated D & F Chow D (Coarse)
Purina Medicated Mix-R-Mycin
Purina Medicated Poultry Aid
Purina Milk Chow D 16%
Purina Milk Chow D 16% (Coarse)
Purina Milk Chow D 20%

RALSTON PURINA CO. -Cont.

Purina Milk Chow D 20% (Coarse)
Purina Mink Breeder Chow
Purina Mink Cereal
Purina Mink Developer Chow
Purina Mink Developer Chow SF
Purina Nursing Chow
Purina Omolene
Purina Pig Growena Medicated
Purina Pig Startena Medicated
Purina Pigeon Chow Checkers
Purina Poultry Booster Chow
Purina Poultry Wormer
Purina 36% Protein Cottonseed Meal
Purina (R) Pullet Developer B
Purina Pullet Developer F
Purina Pullet Developer (F) ZO
Purina Rabbit Chow Checkers
Purina Rabbit Chow Checkers (20%)
Purina Rabbit Chow Checkers NF SQ Medicated
Purina Range Checkers
Purina Range Mineral Block
Purina Roaster Chow MP Medicated
Purina Roaster Chow
Purina Roaster Chow B I Medicated with Dienestrol Diacetate Mixture
Purina Roaster Chow NC Medicated with Dienestrol Diacetate Mixture
Purina Silage Preserver
Purina Silage Preserver D
Purina Special Steer Fatena 32%
Purina Squab Broiler Chow Medicated
Purina Squab Broiler Chow MP Medicated
Purina Squab Broiler Chow NC Medicated
Purina Strepto-Pen-25
Purina Super Layena
Purina Turkey Breeder Layena
Purina Turkey Breeder Layena HZ Medicated
Purina Turkey Finisher No. 1
Purina Turkey Finisher No. 1 HZ Medicated
Purina Turkey Finisher No. 2
Purina Turkey Finisher No. 2 HZ Medicated
Purina Turkey Growena No. 1
Purina Turkey Growena No. 1 HS Medicated
Purina Turkey Growena No. 1 MP Medicated
Purina Turkey Growena No. 2
Purina Turkey Growena No. 2 HS Medicated
Purina Turkey Growena No. 2 MP Medicated
Purina Turkey Pre-Starter
Purina Turkey Pre-Starter NF Medicated
Purina Turkey Startena
Purina Turkey Startena HS Medicated
Soybean Hulls
Wheat Middlings 388

READING MILLING CO., INC., 1847 Centre Ave., Reading, Pa.

Faramel All Mash Layer
Faramel Rabbit Food Pellets

RUSSELL MILLER-KING MIDAS MILLS, Milling Div. of F. H. Peavey & Co., Minneapolis 15, Minn.

Occident Wheat Bran
Occident Wheat Germ Meal
Occident Wheat Middlings with Ground Wheat Screenings
Occident Wheat Red Dog
Occident Wheat Shorts with Ground Wheat Screenings

SALADA-SHIRRIFF-HORSEY INC., Plant City, Fla.

Horsey Brand Dried Citrus Pulp

WOLF SAVITSKY & SONS, INC., Foot of White St., Shelton, Conn.

Wolf's Calf Starter
Wolf's Complete Hi-Eff Egg Breeder Mash
Wolf's Complete Hi-Eff Egg Breeder Mash Medicated
Wolf's Complete Hi-Eff Growing Mash
Wolf's Complete Hi-Eff Profit Builder Medicated
Wolf's Complete Hi-Eff Profit Builder Medicated
Wolf's Complete Hi-Eff Profit Builder Medicated with Arsanilic Acid 0.0099 & Sulfaquinoxaline 0.0175
Wolf's 16% Dairy Pellets
Wolf's 14% Dairy Ration
Wolf's 16% Dairy Ration
Wolf's Dry & Freshening Ration
Wolf's Finisher Ration Medicated
Wolf's Hi-Speed Starter & Broiler Ration Medicated
Wolf's Hi-Speed Starter & Broiler Ration Medicated
Wolf's Horse Feed
Wolf's Medicated Complete Hi-Eff Profit Builder
Wolf's Medicated Poultry Booster
Wolf's Performo-Las
Wolf's Pig and Hog Feed
Wolf's 16% Test Ration
Wolf's 18% Test Ration

SCHENLEY DISTILLERS, INC., 350 Fifth Ave., New York 1, N.Y.

Corn Germ Meal (Dry Milled)
Schenley Mark of Merit Corn Distillers Dried Grains with Solubles
Schenley Mark of Merit Rye Distillers Dried Grains with Solubles
Schenley's Soludri Corn Distillers Dried Solubles

SCHOENECK FARMS, INC., Nazareth, Pa.

Schoeneck's Super-Green Dehydrated Alfalfa Meal

SEA BOARD SUPPLY CO., 35th & Gray's Ferry, Philadelphia, Pa.

Dried Tomato Pomace

SEA-BORN, Mineral Div. of Skod Co., 15 E. Elm St., Greenwich, Conn.

Sea-Born Norwegian Seaweed Meal
Sea-Born Norwegian Seaweed Meal (Special Fine Grind)

SEACOAST PRODUCTS CO., Fort Miles Rd., Lewes, Del.

Smith's Lifeline Fish Meal Stabilized with (Food Grade) Butylated-Hydroxy-Toluene

JOSEPH E. SEAGRAM & SONS, INC., 375 Park Ave., New York, N. Y.

Seagram's Corn Distillers Dried Grains 24%
Seagram's Corn Distillers Dried Grains 26%
Seagram's Corn Distillers Dried Solubles

SEYMOUR GRAIN & COAL CO., Seymour, Conn.

Beef Mix
Hi-Q 16% Dairy
Miracle 14% Calf Grower
Miracle Dairy 16%
Miracle Fitting Ration
Miracle Hi Efficiency Grower
Miracle Hi Energy All Mash Layer
Miracle Horse Feed
Miracle 20% Laying Mash
Pasture Mix
See More Milk Dairy Ration

THE SHERWIN-WILLIAMS CO., 101 Prospect Ave., N. W. Cleveland, Ohio

Sherwin-Williams 32% Linseed Meal (Solvent Extracted)
Sherwin-Williams 34% Linseed Oil Meal (Solvent Extracted)
Sherwin-Williams 44% Protein Soybean Meal

SHERWOOD FEED MILLS, INC., 500 President St., Baltimore 2, Md.

Brewers Dried Grains

DAVID SMALL, East Hartford, Conn.

David Small's Goose Starter DS 12

SOUTHERN FRUIT DISTRIBUTORS, P. O. Box 8367, Orlando, Fla.

Bluebird Citrus Pulp

A. E. STALEY MFG. CO., Decatur, Ill.

Rockland Guinea Pig Diet
Rockland Mouse Breeder Diet
Rockland Rabbit Ration
Staley's 21% Corn Gluten Feed
Staley's Hi-Pro-Con 50% Protein Dehulled Solvent Extracted Soybean Meal
Staley's 44% Protein Solvent Extracted Soybean Meal

F. W. STOCK & SONS, INC., Hillsdale, Mich.

Stock's Wheat Bran
Stock's Wheat Middlings

SUNI-CITRUS PRODUCTS CO., Haines City, Fla.
Registered by Cocke & Co., Atlanta 3, Ga.

Sweet Suni-Citrus Pulp

SUNSHINE BISCUITS, INC., Milling Div., Grafton, Ohio

UMC Wheat Bran - Pure Wheat Bran
UMC Wheat Middlings (With Ground Screenings not exceeding Mill Run)

SWIFT & COMPANY, P. O. Box 110, Fostoria, Ohio

Swift's 41% Protein Prime Quality Cottonseed Meal
Swift's 44% Protein Solvent Extracted Soybean Meal
Swift's Super Soy Ingredients 50% Protein Dehulled Solvent Extracted Soybean Meal

TROPICANA PRODUCTS, INC., P. O. Box 338, Bradenton, Fla.

Tropicana's Sweetest Dried Citrus Pulp

ULTRA-LIFE LABORATORIES, INC., East St. Louis, Ill.

34% Protein Solvent Extracted Linseed Meal
Ultra-Life Beef-Gro
Ultra-Life Broiler-Gro
Ultra-Life Broiler-Gro Medicated (3-Nitro)
Ultra-Lifed Calf Food Pellets Medicated
Ultra-Life Freshertone
Ultra-Life Hi Dee 7
Ultra-Life High Energy Poultry
Ultra-Life Livestock
Ultra-Life Pig-Gro
Ultra-Life Poul-Centrate
Ultra-Life Ru-M-Tone Medicated
Ultra-Life Turkey-Gro

UNITED CO-OPERATIVE FARMERS, INC., 339 Broad St., Fitchburg, Mass.

CO-OP Hi NRG Egg Maker
UCF Calf Grower
UCF 16% Dairy
UCF 18% Dairy
UCF 20% Dairy
UCF Fitting Ration
UCF Grower
UCF Hi NRG All Mash Breeder
UCF Hi NRG All Mash Grower
UCF Hi NRG All Mash Grower Medicated
UCF Hi NRG All Mash Layer
UCF Hi NRG Broiler Finisher
UCF Hi NRG Broiler Finisher Medicated
UCF Hi NRG Broiler Starter Medicated
UCF Hi NRG Starter Medicated with Sulfaquinoxaline 0.015
UCF Hi NRG Starter Medicated with Zoalene 0.0083%
UCF Horse Feed
UCF Layer
UCF Booster - 100 Medicated
UCF Booster NF 100 Medicated
UCF Medicated Booster-100
UCF Medicated Booster-200
UCF Medicated Booster NF 200
UCF Medicated Hi-Po 200

UNITED CO-OPERATIVE FARMERS, INC. -Cont.

UCF Milk Replacer
UCF Pig & Hog Feed
UCF Sheep Creep Ration
UCF Succulent Dairy

UNITY FEEDS, INC., 177 Milk St., Boston, Mass.

Unity Breeder Mash
Unity Broiler Starter Medicated
Unity Dairy and Fitting Ration
Unity 16% Dairy Ration
Unity Growing and Laying Mash
Unity High Energy Breeder Mash
Unity High Energy Laying Mash
Unity Improved Calf Ration
Unity Medicated Booster
Unity Milkets
Unity Pig & Hog Ration
Unity Super Starter Medicated
Unity Trim Medicated
Unity Turkey and Game Bird Growing Mash

UNIVERSAL GRAIN CO. of N. J., 425 South St., Newark, N. J.

Superior Cow Brand Dried Brewers Grains

GEORGE URBAN MILLING CO., 332 N. Oak St., Buffalo, N. Y.

Wheat Standard Middlings with Ground Screenings not exceeding Mill Run

HIRAM WALKER & SONS, INC., Peoria, Ill.

Corn Distillers' Dried Grains with Solubles

WILLIAM S. WARREN & SON, Eastford, Conn.

Warren's Calf Starter
Warren's Complete Laying and Growing Mash
Warren's Dairy Fitting Ration
Warren's 16% Dairy Pellets (No. 1)
Warren's 20% Dairy Pellets (No. 1)
Warren's 16 Dairy Ration
Warren's Milk Maker 15 Dairy Ration
Warren's Test Cow 16% Dairy

THE WATERTOWN COOPERATIVE ASS'N., INC., Watertown, Conn.

Watertown Co-op. 16% Dairy Feed

H. K. WEBSTER CO., Lawrence, Mass.

Blue Seal All-Mash Breeder's Ration
Blue Seal All-Mash Egg Ration Medicated
Blue Seal All-Mash Growing Ration Medicated
Blue Seal All-Mash Growing Ration SQ Medicated
Blue Seal C-4 Broiler Medicated
Blue Seal C-5 Finisher Medicated Pellets
Blue Seal Calf Starter
Blue Seal Chick Feed

H. K. WEBSTER CO. -Cont.

Blue Seal Chick Starter Medicated
Blue Seal Coarse 16 Dairy Ration
Blue Seal Coarse 20 Dairy Ration
Blue Seal Complete Horse Ration
Blue Seal "30" Dairy Concentrate
Blue Seal 16% Dairy Mix
Blue Seal Dairy Nuggets
Blue Seal Egg Mash
Blue Seal Fat & Finish Ration Pellets
Blue Seal Fitting Ration
Blue Seal Goat Feed
Blue Seal 770 Grower
Blue Seal 770 Grower SQ
Blue Seal Horse Feed
Blue Seal Ket-O-Pels Medicated
Blue Seal 880 Layer
Blue Seal Layettes
Blue Seal Medicated CW-Mix
Blue Seal Medicated NF-Mix
Blue Seal Medicated ORO Chick P/F
Blue Seal Medicated ORO-Mix
Blue Seal Medicated SQ Mix Crumbles
Blue Seal Milk Replacer
Blue Seal Milkers' Sixteen
Blue Seal Milkers' Twenty
Blue Seal Pig Feed Medicated
Blue Seal Poultry and Turkey Fitting
Blue Seal Poultry Wormer Crumbles
Blue Seal Producer's Grow & Lay
Blue Seal Rabbit Pellets
Blue Seal Standard "14" Fitting Ration
Blue Seal Standard 16 Dairy Ration
Blue Seal Standard 20 Dairy Ration
Blue Seal Succulent Feed and Calving Ration
Blue Seal Super Breeder's Mash Medicated
Blue Seal Test Ration
Blue Seal Turkey Growing
Blue Seal Turkey Growing Medicated
Blue Seal Turkey Starter Medicated

WEST-NESBITT, INC., Oneonta, N. Y.

Cream-Line Dairy-Test Ration
Cream-Line 16% Pellets
Pure Feed Broiler Starter Medicated
Pure Feed Complete Grower
Pure Feed Complete Layer
Pure Feed Complete Rabbit Pellets
Pure Feed 16% Dairy Pellets
Pure Feed Dairy-Test Ration
Pure Feed Egg & Breeder
Pure Feed Egg Maker
Pure Feed 14% Fitting Ration
Pure Feed Grower
Pure Feed Horse Ration

WEST-NESBITT, INC. -Cont.

Pure Feed Roaster Finisher Medicated
Pure Feed Starter Medicated
Pure Feed Sweet "16"
Pure Feed Sweet "20"
Pure Feed Swine Ration
Pure Feed Turkey Finisher
Pure Feed Turkey Grower
Pure Feed Turkey Starter Medicated
West-Nesbitt Milk Replacer

A. C. WETHERELL, Suffield, Conn.

Special Dairy Mixture No. 3

THE GEO. WIEDEMANN BREWING CO., 601 Columbia St., Newport, Ky.

Brewers Dried Grains

WILSON'S CORN PRODUCTS, INC., East 4th St., Rochester, Ind.

Wilson's Hominy Feed

WINTER GARDEN CITRUS PRODUCTS CO-OPERATIVE, Winter Gardens, Fla.

Wholesun Dried Citrus Pulp

WIRTHMORE FEEDS INC., 343 Winter St., Waltham, Mass.

Apex 16% Dairy Feed
Big W All Pellet 16 Dairy Feed
Big W All Pellet 20 Dairy Feed
Big W 16% Dairy Feed
Big W 20% Dairy Feed
Big W Silage Preservative
Big W Silage Preservative with Zinc Bacitracin
O. P. M. Scratch
Producer All Pellet 16 Dairy Feed
Wirthmore Baby Chick Scratch
Wirthmore Breeder Mash
Wirthmore Cage Layer Medicated
Wirthmore Calf Starter
Wirthmore Calving Feed
Wirthmore Chick Starter
Wirthmore Chick Starter A-Medicated
Wirthmore Chick Starter Medicated
Wirthmore Coarse Test Dairy Feed
Wirthmore Coccidiosis Treatment Ration Medicated
Wirthmore Commercial Hi-Ener-G Breeder Medicated
Wirthmore Complete Growing Ration
Wirthmore Complete Growing Ration Medicated
Wirthmore Complete Turkey Breeder Ration
Wirthmore Complete Turkey Fattening Ration
Wirthmore Complete Turkey Fattening Ration Medicated
Wirthmore Complete Turkey Growing Ration
Wirthmore Complete Turkey Growing Ration Medicated
Wirthmore 32 Dairy Concentrate
Wirthmore 14 Dairy Feed

WIRTHMORE FEEDS INC. -Cont.

Wirthmore 16 Dairy Feed
Wirthmore 20 Dairy Feed
Wirthmore 36% Dairy Mixing Feed
Wirthmore 32 Dairy Supplement
Wirthmore .007% Dienestrol Diacetate Mixture in Wirthmore Finisher Medicated
Wirthmore Duck Growing 452A
Wirthmore Fodder Greens
Wirthmore Game Bird Grower Ration
Wirthmore Game Bird Starter Medicated
Wirthmore Grow & Egg Mash
Wirthmore Grow & Egg Mash Medicated
Wirthmore Hi-Cal Broiler Finisher A-Medicated
Wirthmore Hi-Cal Broiler Starter A-Medicated
Wirthmore 14 Hi-Cal Pellets Dairy Feed
Wirthmore 16 Hi-Cal Pellets Dairy Feed
Wirthmore 18 Hi-Cal Pellets Dairy Feed
Wirthmore Hi-Cal Roaster Finisher A-Medicated
Wirthmore Hi-Ener-G 16
Wirthmore Hi-Ener-G Breeder Medicated
Wirthmore Hi-Ener-G Broiler Ration
Wirthmore Hi-Ener-G Broiler Nicarb-Arsan A-Medicated
Wirthmore Hi-Ener-G Broiler Ration 140A Medicated
Wirthmore Hi-Ener-G Layer Medicated
Wirthmore Hog Grower
Wirthmore Horse Feed
Wirthmore Horse Perkies
Wirthmore Meatless Mink Food
Wirthmore Medicated Ketrol
Wirthmore Medicated 200 Pellets Dairy Feed
Wirthmore Medicated Pig Zip
Wirthmore Medicated Quick Perk
Wirthmore Mecicated Quickies
Wirthmore Medicated Treat
Wirthmore Medicated Turk-E-Perk
Wirthmore Milk Mizer
Wirthmore Mink Food
Wirthmore New Hope Horse Feed
Wirthmore Original New Hope Horse Feed
Wirthmore Pig and Sow Feed
Wirthmore 36% Poultry Concentrate
Wirthmore Poultry Fitting
Wirthmore Poultry Wormer
Wirthmore 16 Pro-Cal Pellets Dairy Feed
Wirthmore Rabbit Pellets
Wirthmore Rabbit Pellets Medicated
Wirthmore 16 Record Dairy Feed
Wirthmore 18 Record Dairy Feed
Wirthmore 14 Record Fitting and Calving Feed
Wirthmore 14 Record Fitting Feed
Wirthmore Roaster Finisher 426 Medicated
Wirthmore Roaster Finisher A 176A - Medicated
Wirthmore Scratch
Wirthmore Stable Mate Complete Horse Feed

WIRTHMORE FEEDS INC. -Cont.

Wirthmore Stock Primer
Wirthmore Super Pellets
Wirthmore Track 'N Trail Horse Feed
Wirthmore Turkey Growing Ration
Wirthmore Turkey Growing Ration 323A Medicated
Wirthmore Turkey Starter Medicated
Wirthmore Twin-Mix Calf Feed
Wirthmore 16 Ultra-Cal Pellets Dairy Feed

THE YANTIC GRAIN & PRODUCTS CO., 3 Cove St., Norwich, Conn.

Big Y Calf & Beef Ration
Big Y Calf Starter and Builder
Big Y Calving Ration
Big Y Cavalier Horsefeed
Big Y Chick Scratch Grain
Big Y Chlortetracycline Mixture
Big Y Complete Grower-Layer Mash
Big Y Confinement Growing Mash
Big Y Controlled Growing Ration
Big Y Dairy and Fitting Ration
Big Y 16% Dairy Ration
Big Y 18% Dairy Ration
Big Y 20% Dairy Ration
Big Y Dairy Supplement 32%
Big Y Energized 16 Dairy Feed
Big Y Extra Production Laying Mash
Big Y Extra Production Laying Mash Medicated
Big Y Hi-Efficiency Breeder Ration
Big Y High Efficiency Grower
Big Y High Efficiency Grower Medicated
Big Y Hi-Efficiency Laying Mash
Big Y Hi-Efficiency Laying Mash Medicated FZ 0.0055
Big Y Hi-Efficiency Laying Mash Medicated FZ 0.022
Big Y Hi-G Dairy Ration
Big Y Hi-G Scrath Feed
Big Y Histostat Mixture Mixed with Big Y Turkey Fattener
Big Y Histostat Mixture Mixed with Big Y Turkey Growing Feed (Pellets)
Big Y Hog & Pig Ration
Big Y Horse Feed
Big Y Improved Al-Mo
Big Y Improved Broiler Finisher Medicated-Ampr. 0.0125
Big Y Improved Broiler Finisher Medicated-Dien. Diac.0.007
Big Y Improved Broiler Ration Medicated
Big Y Improved Turkey Starter & Game Bird Feed Medicated
Big Y Intermediate Chick Grain
Big Y 20% Laying Mash
Big Y M & O Growing Feed
Big Y M & O Growing Feed Medicated
Big Y Peerless Broiler Ration Medicated
Big Y Poultry Fitting Ration
Big Y Powerhouse Crumbles Medicated
Big Y Producto Pels

THE YANTIC GRAIN & PRODUCTS CO. -Cont.

Big Y 16 Purity Dairy Ration
Big Y Rabbit Pellets
Big Y Rabbit Pellets SQ Medicated
Big Y Scratch Feed
Big Y Sheep and Goat Feed
Big Y Station Fattener Pellets
Big Y Stock Feed
Big Y Super Starter-Broiler Ration
Big Y Super Starter Ration Medicated
Big Y Supreme Laying Mash
Big Y Test Cow Ration
Big Y Turkey Fattener
Big Y Turkey Growing Feed
Big Y Turkey Growing Feed (Pellets) Medicated
Big Y Worming Mash

YIELDMOR FEEDS, INC., Piqua, Ohio

David Small's Broiler Feed (Medicated) DS-31
David Small's Chick Starter DS-27
David Small's Finisher Pellets DS-28
David Small's Finishing Feed (Medicated) DS-32
David Small High Energy Breeder DS-29
David Small Sex Link Layer Mash DS-30
.0023% Dienestrol Diacetate with .0125% Nicarbazin in Yieldmor Caponette Feed
Yieldmor Broiler Booster Medicated M-25
Yieldmor Duck Grower M15
Yieldmor Pullet Developer C46
Yieldmor 24% Super Broiler Medicated B-11
Yieldmor Super Finisher Pellets Medicated

MEYER ZAUSNER, INC., New Holland, Pa.

Zausner Condensed Whole Whey

VITAMIN CARRIERS

AMERICAN CYANAMID CO., P. O. Box 400, Princeton, N. J.

(See also Feeds)

Aureomycin Chlortetracycline Crumbles

CLINTON CORN PROCESSING CO., Clinton, Iowa

(See also Feeds)

Clinton CFS Concentrate No. 1

DARI-DRI CO., Division of Milk Specialties, Inc., 260 S. Washington, Dundee, Ill.

(See also Feeds)

Dari-Dri Baby Calf Formula

DAWE'S LABORATORIES, INC., 4800 So. Richmond St., Chicago, Ill.

Dawe's Fermentation Flavonne No. 1
Special Broiler Mix No. 571-D

DAWNWOOD FARMS, Smithfield Rd., Amenia, N. Y.

(See also Feeds)

Dawnwood Farms Hi-Fat Milk Replacer Caf-Star Formula Feed for Calves

DREW CHEMICAL CORP., Boonton, N. J.

Vitandry "3000"

EASTERN STATES FARMERS' EXCHANGE, INC., 26 Central St., West Springfield, Mass.

(See also Feeds)

Calf Saver Tablets

JOHN EWING CO., La Salle, Col.

Formula 707 Conditioner

THE RAY EWING CO., 2690 E. Foothill Blvd., Pasadena, Cal.

All Mash Pre-Mix

THE FOX CO., Newfield, N. J.

Foxco Qualadee A & D Feeding Oil

INTERNATIONAL STOCK FEED CORP., 533 Broad St., Waverly, N. Y.

I-S-F Cattle Special

KRAFT FOODS, Div. of National Dairy Prod. Corp., 99 Park Ave., New York 16, N. Y.

(See also Feeds)

KAFF-A Milk Replacer for Calves Medicated
Pace Booster Pellets for Horses, Ponies and Colts
PEX Condensed for Poultry
PEX High Lay Pellets for Layers & Breeders
PEX Self Feeder Block for Poultry

MARINE PRODUCTS CO., Boston, Mass.

Finest Veterinary Cod Liver Oil

MERCK & CO., INC., Rahway, N. J.

(See also Feeds)

No. 659 Vitamin Mixture
No. 1061 Feed Supplement

MYZON, INC., 3129 W. 47th St., Chicago 32, Ill.

Myzon Calf Builder
Myzon Poultry Builder

NATIONAL VITAMIN PRODUCTS CO., 3401 Hiawatha Ave. So., Minneapolis 6, Minn.

Calvita Calf Formula

NEW ENGLAND BY PRODUCTS CORP., 177 Milk St., Boston, Mass.

New Englander Vitamin "A" & "D" Feeding Oil

NOPCO CHEMICAL CO., 60 Park Place, Newark, N. J.

(See also Feeds)

Nopco Pak Hi Lay Premix Code EZW
Nopco Pak Super Premix Code FGY
Nopdex "3000"

CHAS. PFIZER & CO., INC., 235 East 42nd St., New York, N.Y.

High Lay Premix
R-4

STABILIZED VITAMINS, INC., 142 Monroe St., Garfield, N. J.

Cod Liver Oil with added Vitamin A and D
Perma-D-3000
Permadry 30,000
Perma-Mix C.C.C. No. 1
Perma-Mix C.C.C. No. 2
Perma-Mix C.C.C. No. 3
Perma-Mix C.C.C. No. 4 Broilers
Perma Mix 2-4-9-10
Vitaron Vitamin A & D Feeding Oil

STANDARD BRANDS INCORPORATED, Special Products Division, Agricultural Dept., 625 Madison Ave., New York 22, N. Y.

Fleischmann's FIDY Type 142-F Irradiated Dry Yeast

SYNTHA LABORATORIES, West Alexandria, Ohio

Special All Mash Premix

TRI ASSOCIATES, INC., 8500 Pillsbury Ave. So., Minneapolis, Minn.

Tri's Grade A Brand Milk Replacer - Medicated

WHITMOYER LABORATORIES, INC., Myerstown, Pa.

Derby All Purpose Premix
Flav-A-Dee
Machnicki Premix No. 2A
Whitmoyer 150D - 1500A Pure Cod Liver Oil

In the calendar year 1962, a total of 1,264 samples - 325 less than the previous year - was examined. This total included official samples of commercial feeds, carriers of vitamin D and other vitamins, and miscellaneous materials as shown in the following summary:

Biological specimens analyzed for poison	135
Check feeds, A.A.F.C.O., etc.	13
Commercial feeding stuffs, official samples	689
Miscellaneous feeds, etc., analyzed for purchasers	75
Pasture grass and feedstuffs for Storrs Station	291
Vitamin carriers	61
	1,264

Samples examined for Storrs Station are in connection with investigations of that Station and are not discussed in this report.

Commercial Feeding Stuffs

Results of our analyses of the official samples can be summarized as follows:

Total number of samples		689
Samples deficient in:		
one item	47	
two items	3	50
Percentage of samples meeting guaranties		93
Total guaranties made		2,205[2]
Guaranties not met:		
protein	24	
fat	21	
fiber	7	
amprolium	5	
arsanilic acid	4	
furazolidone	3	
Nicarbazin	5	
4-nitrophenylarsonic acid	3	
Phenothiazine	2	
sulfaquinoxaline	7	81
Percentage of guaranties met		96

The proportion of samples meeting all guaranties was higher than in the two previous years (93 as against 88-87 per cent), but the overall percentage of satisfactory guaranties has remained the same since 1959.

[2]Fourteen samples with five guaranties, 126 with four guaranties, 543 with three guaranties, one with two guaranties, and five with no guaranty (guaranties for undetermined medicants not included).

Analyses are given in Table 2; deficiencies are shown by wavy underlining (∿∿). Tolerances used were 0.75 per cent for protein and fiber, 0.25 per cent for fat, and ±20 per cent of guaranty for drugs.

Vitamin Carriers

Fifty-seven samples of vitamin D carriers were assayed for this vitamin by the A.O.A.C. chick assay method. Thirteen of these samples also guaranteed, and were assayed microbiologically for, calcium pantothenate, niacin and riboflavin ; results for these vitamins are included in Table 2 under the respective samples. This table also lists four samples that were assayed for calcium pantothenate, niacin and riboflavin but not for vitamin D.

All except five of the vitamin D samples fully met their guaranties for this vitamin - a passing ratio of 91 per cent.

On the basis of a ±20 per cent tolerance, the numbers of samples containing either too little or too much of the other vitamins were as follows:

Too high or low in	No of. samples	
Calcium pantothenate and niacin	1	
Niacin and riboflavin	2	
Calcium pantothenate	1	
Niacin	1	5

Of the total of 61 samples, 51, or 84 per cent met all guaranties.

Miscellaneous Feeds

Seventy-five unofficial samples of feed and fodder materials were examined. This total included commercial mixed feeds and feed ingredients submitted by dealers and consumers, samples of hay and silage whose analysis was requested by farmers, and miscellaneous materials suspected of having poisoned livestock or pets. One sample of hay was submitted by the State Department of Agriculture, and one of canary seed was examined for the Department of Consumer Protection.

No deleterious substance was found in any commercial feed, with the possible exception of two samples of a dog food that contained respectively ten parts per million and a trace of chromium. One sample of sorghum silage gave a positive test for cyanide. Analysis of another silage sample that was three years old showed 0.17 per cent of propionic acid and 1.71 per cent of butyric acid, indicating that the silage was unfit for feeding.

As a result of a complaint of a poultryman that one particular lot of a broiler feed was abnormally green and caused the droppings of his birds to be wet, we made microscopic examinations of five samples of this lot, two of which were taken by our agent. The official samples showed an average of 42 per cent alfalfa, as against only one per cent in two normal samples.

Analysis of the hay sample submitted by the State Department of Agriculture showed 0.67 part per million of DDT. This proportion was so low as to make the hay definitely acceptable for feeding to beef cattle or horses. In the light of the evidence of Sweig, Smith, Peoples and Cox[3], that 0.5 p.p.m. of DDT in the feed produced no carryover of this pesticide into the milk it was possible that the hay could even have been fed to dairy cows.

Biological Specimens Examined for Poisons

One hundred and thirty-five biological specimens (of which the great majority came from veterinarians) mostly of domestic animals and poultry, were submitted for examination because of suspected poisoning. In 37 of them poisonous substances were in sufficient quantity to suggest possible causes of illness or death.

The poisonous materials, and the number of specimens in which they were found, are summarized as follows: Chromium(2); DDT and TDE(10); lead(9); lead with zinc(1); mercury(5); mercury with zinc(1); phenothiazine(1); strychnine(1); thallium(2); unidentified alkaloids(2); urea(1); wild cherry(1) and zirconium (1).

The ten cases involving the insecticide DDT and its metabolic product TDE (which is itself used as an insecticide) included six osprey eggs (79-149 micrograms of TDE per egg) and one each of a brook trout (17 parts per million DDT), an insect (a cicada killer, 334 p.p.m. DDT), a robin (26 p.p.m. DDT) and a snake (27 p.p.m. DDT). The osprey eggs were submitted by Mr. Peter Ames of the Peabody Museum of Natural History of Yale University in connection with a biological study.

The urea poisoning case was that of a calf which had eaten a fertilizer that analysis showed to be 94 per cent urea. The sample in which zirconium was found was a specimen of skin tissue from the mastoid region of a girl, submitted by the pathologist of the Danbury Hospital; 23 parts per million of this element were present.

Check Feeds

Eleven feeds were analyzed in the check feed program sponsored by the Association of American Feed Control Officials, and phosphorus was determined on two other samples in connection with a collaborative study of a colorimetric method being conducted by the Association of Official Agricultural Chemists.

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[3]J. Agr. Food Chem., 9, 481 (1961)

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
	ACME-EVANS CO., INC. Indianapolis, Ind.			
7306	Acme Wheat Bran	14.32	14.00	14.00
8246	Acme White Hominy Feed	11.51	9.0	10.00
	ALBERS MILLING CO., Div. of Carnation Co., Los Angeles 36, Cal.			
7619	Albers Calf Manna	10.23	25.00	26.25
7420	Albers Rabbit Breeder Paks	10.92	15.00	17.75
7620	Albers Sho-Glo	10.89	22.00	22.00
7421	Albers Suckle	7.86	24.00	24.25
	AMERICAN CRYSTAL SUGAR CO., Denver, Col.			
7778	Dried Beet Pulp with Beet Molasses	9.61	9.50	9.50
7751	Plain Dried Beet Pulp	10.50	8.50	9.00
	AMERICAN CYANAMID CO., Princeton, N. J.			
8113	Aureomycin Crumbles	9.21	15.00	16.25
8231	Cyrea Urea Feed Compound		262.00	254.00
	ATLANTIC PROCESSING CO., Amagansett, N. Y.			
8203	Smith's Life Line Fish Meal	7.02	60.00	65.50
	BARBER & BENNETT, INC., Albany, N. Y.			
7596	Fort Orange All Mash Grower	11.83	16.00	16.00
7594	Fort Orange Growing Mash	11.47	20.00	20.25
7593	Fort Orange Laying Mash	10.73	20.00	20.00
7595	Fort Orange Pig & Hog Feed	11.46	15.00	15.00
7597	Fort Orange Turkey Grower	11.62	25.00	25.00
	BEACON MILLING CO., Div. of Textron, Inc., Cayuga, N. Y.			
8650	Beacon Broiler Finisher AP Med.	10.96	20.00	21.75
7728	Beacon Calf Grow	11.76	17.00	17.50
7729	Beacon Dairy Fitting Pel-ets	11.42	14.00	15.50
8051	Beacon Egg Check A Medicated	9.42	15.00	15.00

INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
3.00	3.61	9.50	6.61	
7.00	7.14	6.00	3.59	
3.00	3.56	6.00	5.45	
2.00	2.24	22.00	19.55	
5.00	6.20	7.00	4.69	
5.00	7.76	1.00	0.55	
0.30	0.50	19.00	15.05	
0.30	0.50	22.00	18.72	
4.00	4.38	24.00	24.56	
5.00	8.66	3.00	0.23	
4.00	4.01	4.50	4.23	
3.50	3.52	4.50	3.91	
4.00	4.13	4.50	4.06	
3.50	4.29	7.00	4.44	
3.50	4.00	4.50	2.58	
5.00	5.46	4.00	2.44	Amprolium: Guar., 0.0125%; found, 0.0146%.
3.00	2.78	9.00	6.46	
3.25	3.73	9.00	6.54	
2.50	3.59	6.00	3.23	Arsanilic Acid; Guar., 0.0090%; found, 0.0090%.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
7688	Beacon "22" Egg Mash	11.44	22.00	21.00
7736	Beacon Goat Ration	12.67	16.00	17.50
8052	Beacon Market Egg All-Mash Med.	11.60	17.00	17.50
7742	Beacon Medicated Booster Pellets	9.44	20.00	20.38
7735	Beacon Milk Check "16" Dairy Ration	12.68	16.00	16.00
7740	Beacon Milk Check "20" Dairy Ration	11.91	20.00	22.25
8706	Beacon Rumentrol	11.66	16.00	17.50
8649	Beacon Starter Broiler AP Med.	11.06	23.00	23.50
7734	Beacon Sweet "16" Dairy Ration	12.62	16.00	16.00
7730	Beacon "22" Turkey & Game Bird Grower	10.60	22.00	22.50
7741	Beacon Turkey-Finisher All-Mash Pellets	11.16	18.00	18.50
8603	Be-Co Grower NC Medicated	11.83	14.00	14.50
7572	Be-Co-Nurse Milk Replacer	5.81	24.00	24.00
7571	Pro-Pel "16" Dairy	11.81	16.00	16.50
	THE BERKMAN GRAIN CO., North Franklin, Conn.			
7413	Nibco 18% Dairy Ration	11.62	18.00	17.75
7414	Nibco Fitting Ration	14.39	14.00	14.00
8321	Nibco Five Star Light Breeder	10.26	17.00	15.75
8713	Nibco Five Star Lo Color (Crumbles)	10.21	16.00	17.50
7268	Nibco Five Star Lo Color (Crumbles)	12.82	16.00	15.63
8610	Nibco Five Star Roaster	10.67	16.00	17.75
8714	Nibco Five Star Roaster Pellets	10.79	16.00	18.00
7270	Nibco Five Star Super Starter	13.61	25.00	22.75
7411	Nibco Five Star Weight Maker	10.90	22.00	20.50

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
3.50	4.74	6.00	3.38	
3.00	3.75	10.00	6.13	
3.50	4.07	5.00	2.83	Arsanilic acid: Guar.,
4.00	4.61	9.00	7.38	0.0090%; found, 0.0083%.
3.50	3.76	9.00	7.26	
3.50	4.31	9.00	8.87	
3.50	3.39	8.00	5.56	
5.00	5.88	4.00	3.15	Amprolium: Guar., 0.0125%; found, 0.0148%.
3.50	3.95	8.50	6.28	
3.00	3.14	5.75	4.69	
3.00	3.63	5.50	3.10	
3.00	3.82	8.00	4.90	Nicarbazin: Guar., 0.010%; found, 0.0112%.
10.00	11.04	0.25	0.13	
3.00	3.91	12.00	10.71	
4.00	3.94	8.00	7.85	
4.00	3.92	8.00	8.00	
4.00	6.79	4.00	2.55	
4.50	6.14	3.50	2.01	Nicarbazin: Guar., 0.010%; found, 0.0130%. Dienestrol diacetate: Guar., 0.0023%; not determined.
4.50	5.28	3.50	1.82	Nicarbazin: Guar., 0.010%; found, 0.0058%.
4.50	4.68	3.00	2.06	Nicarbazin: Guar., 0.010%; found, 0.0160%.
4.50	5.41	3.00	2.25	Nicarbazin: Guar., 0.010%; found, 0.0128%. Dienestrol diacetate: Guar., 0.023%; not determined.
7.00	7.25	2.50	2.05	Nicarbazin: Guar., 0.010%; found, 0.0102%. 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%;found, 0.0044%.
6.00	7.85	2.50	1.72	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
8712	Nibco Five Star Weight Maker	10.11	22.00	19.88
7269	Nibco Five Star Weight Maker	13.41	22.00	22.25
8318	Nibco High Energy Layer	10.39	16.00	16.00
8320	Nibco High Energy Laying & Growing Mash	10.59	16.00	16.00
8611	Nibco Medicated Booster Crumbles	11.41	22.00	20.25
8319	Nibco Medicated Booster Feed	10.30	20.00	20.25
7412	Nibco Pullet Builder	11.59	15.50	16.75
7244	Nibco Pullet Starter	13.33	20.00	19.75
	BLATCHFORD CALF MEAL CO., Waukegan, Ill.			
8377	Blatchford's Calf Pab	5.67	25.00	25.00
	BLOOMFIELD FARMERS' EXCHANGE, INC., Bloomfield, Conn.			
7294	Bloomfield 16% Dairy Ration Pellets	12.36	16.00	17.00
8131	Bloomfield 16% Dairy Ration	12.41	16.00	16.00
	BROOKLAWN GRAIN & FEED CO. Bridgeport, Conn.			
7333	Brooklawn High Energy Layer	11.17	18.00	19.00
	BROWN-FORMAN DISTILLERS CORP., Louisville, Ky.			
8249	B-F Corn Distillers Dried Solubles	10.69	24.00	26.75
	BRUNETTO-ECONOMOV CHEESE CORP., Hinesburg, Vt.			
7653	Dried Whole Whey	7.71	11.00	12.25

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
6.00	8.46	2.50	1.80	Nicarbazin: Guar., 0.010%; found, 0.0125%. 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0041%.
6.00	7.61	2.50	2.02	Nicarbazin: Guar., 0.010%; found, 0.0116%. 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0049%.
3.00	5.56	4.00	2.91	
4.50	5.26	3.50	2.94	
6.00	7.11	2.50	1.87	Nicarbazin: Guar., 0.010%; found, 0.0120%. Oxytetracycline: Guar., 200 gm. per ton; not determined.
3.00	6.03	4.50	2.62	Oxytetracycline: Guar., 200 gm. per ton; not determined.
3.00	4.16	6.00	3.58	
3.00	5.32	4.00	2.42	Sulfaquinoxaline: Guar., 0.015%; found, 0.0093%.
3.50	4.33	2.00	1.12	
3.50	3.97	8.00	5.56	
3.50	3.41	8.00	6.16	
4.00	5.13	5.00	4.16	
8.00	6.12	4.00	4.42	
		0.50	0.17	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
	BUCKEYE COTTON OIL, Div. of Buckeye Cellulose Corp. Cincinnati, Ohio			
8225	Buckeye 41.00% Protein Solvent Extracted Cottonseed Meal	8.79	41.00	42.00
	BURGEO FISH INDUSTRIES, LTD. Burgeo, Newfoundland			
8236	Caribou Brand Fish Meal	9.69		55.00
	CALVERT MILLING CO., Hoytville, Ohio			
8327	17% Dehydrated Alfalfa Meal	7.51	17.00	18.50
	CAMDEN GRAIN CO., Camden, N. J.			
7615	Camden Brand Dried Brewers Grain	8.07	24.00	26.00
	CAMP MILLING CO., INC., Walton, N. Y.			
7461	Camp's Milk Replacer	4.71	21.00	22.25
	THE A. B. CAPLE CO., Toledo, Ohio			
7732	Sun-Cured Alfalfa Crumbles	10.09	13.00	13.25
	CARGILL, INCORPORATED Minneapolis 15, Minn.			
8139	Cargill, Inc. 44% Protein Solvent Extracted Soybean Meal	11.89	44.00	44.00
	CARLING BREWING CO., Cleveland, Ohio			
7514	Carling Brewers Dried Grains	10.26	26.00	28.25
	CENTRAL CONN. CO-OP. FARMERS ASS'N., INC. Manchester, Conn.			
7637	Honest Brand Aureomycin Mix Med.	11.68	18.00	20.00

INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
2.00	2.11	14.00	11.77	
	10.59		0.10	
1.50	3.34	27.00	19.94	
6.00	4.76	17.00	13.81	
8.50	9.60	0.50	0.19	
1.00	1.50	33.00	31.45	
0.50	0.93	7.00	6.93	
5.00	7.07	15.00	10.28	
4.00	4.44	4.00	3.29	Chlortetracycline hydrochloride Guar., 0.1 gm. per lb.; not determined.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
8184	Honest Brand Complete Breeder Mash	10.66	16.00	16.25
8183	Honest Brand Complete Ration High Energy Growing Mash	12.02	15.00	16.75
7636	Honest Brand Complete Ration High Energy Growing Mash	12.58	15.00	16.50
7555	Honest Brand Complete Ration High Energy Growing Mash-Medicated Poultry Feed	12.71	15.00	17.00
8166	Honest Brand Complete Ration High Energy Growing Mash SQ Mixture	11.51	15.00	15.50
8182	Honest Brand Complete Ration High Energy Laying Mash	10.72	15.00	15.25
7553	Honest Brand Complete Ration High Energy Laying Mash-Medicated Poultry Feed	11.81	15.00	16.00
8165	Honest Brand Complete Ration High Energy Laying Mash Medicated Poultry Feed	11.14	15.00	15.00
6144	Honest Brand Nu Weigh-Hi Broiler Crumbles Medicated	11.01	22.00	22.75
7638	Honest Brand Nu Weigh-Hi Broiler Finisher Mash	11.18	20.00	20.00
7554	Honest Brand Nu Weigh-Hi Broiler Mash Medicated	11.67	22.00	23.00
7444	Honest Brand Nu Weigh-Hi Starter Mash Medicated	12.38	20.00	21.00
	CENTRAL SOYA, McMillen Feed Div., Fort Wayne, Ind.			
8702	0.0116% Dienestrol Diacetrate Mix Master Mix Broiler Finisher Concentrate Med.	9.38	41.00	41.00
7641	Forty-Four 44% Solvent Extracted Soybean Meal	11.97	44.00	47.50

INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
4.00	4.08	4.00	4.11	
3.00	4.59	4.00	3.58	
3.00	5.01	4.00	3.34	
3.00	4.87	4.00	3.30	Furazolidone: Guar., 0.022%; found, 0.0178%.
3.00	4.16	4.00	3.63	Sulfaquinoxaline: Guar., 0.0125%; found, 0.0145%.
4.00	4.52	4.00	3.35	
4.00	4.89	4.00	3.19	Furazolidone: Guar., 0.022%; found, 0.0176%.
4.00	4.04	4.00	3.04	Furazolidone: Guar., 0.011%; found, 0.0127%.
5.50	5.59	4.00	2.50	Amprolium: Guar., 0.0125%; found, 0.0136%.
6.00	6.32	3.00	2.77	
5.50	5.31	4.00	2.77	Amprolium: Guar., 0.0125%; found, 0.0144%.
4.00	5.04	4.00	3.68	Sulfaquinoxaline: Guar., 0.0150%; found, 0.0150%.
10.00	10.61	3.50	3.14	Nicarbazin: Guar., 0.050%; found, 0.0508%. Dienestrol diacetate: Guar., 0.0116%; not determined.
0.50	1.73	7.00	5.90	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
8642	Master Mix All Mash Pullet Grower Medicated 135-04E	10.43	16.50	18.50
8237	Master Mix Broiler Finisher Concentrate 375	9.36	41.00	41.25
7645	Master Mix Broiler Starter Concentrate 351	10.98	42.50	43.50
8655	Master Mix Chick Concentrate 153-04G	9.61	38.00	38.25
7272	Master Mix Complete Rabbit Pellets 961-84E Medicated	12.06	15.00	15.00
7701	Master Mix Eastern Big "M" Dairy Feed 622 (Pellets)	10.50	16.00	19.25
7646	Master Mix Egg Concentrate 263	10.90	42.00	42.50
7489	Master Mix Egg Mash 211	11.12	20.00	20.25
8048	Master Mix 12% Hog Finisher 821-01A Medicated	10.64	12.00	14.25
7500	Master Mix Hog Finisher Concentrate 889	9.75	40.00	40.50
7702	Master Mix HQ 16% Dairy 618A	11.52	16.00	18.00
7485	Master Mix HQ Master Blend Concentrate 667	10.91	38.00	39.50
8245	Master Mix Layer Concentrate 265	9.91	34.00	34.50
7484	Master Mix Medicated Bio-5 Concentrate 376-03G	9.91	41.00	41.50
8156	Master Mix Medicated Bio-5 Finisher (326-03C)	10.29	20.00	21.25
7487	Master Mix Medicated Bio-21 Concentrate 350-03N	10.90	42.50	41.25
8599	Master Mix Medicated Bio feed 180 233-20A	11.04	18.00	19.50
8056	Master Mix Pig & Sow Feed 827-01A (Pellets) Medicated	10.66	16.00	17.50

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
3.50	3.77	6.00	4.70	Zoalene: Guar., 0.0083%; found, 0.0081%.
10.00	12.06	5.00	3.28	
8.50	9.60	5.00	3.60	
4.00	7.64	7.00	6.19	Zoalene: Guar., 0.0313%; found, 0.0348%.
2.00	4.22	16.00	10.29	Furazolidone: Guar., 0.0055%; found, 0.0068%. Sulfaquinoxaline: Guar., 0.0125%; found, 0.0111%.
3.50	4.06	12.00	9.65	
6.00	7.41	4.00	3.34	
2.50	3.23	7.00	4.99	
3.00	3.91	5.00	4.61	Arsanilic acid: Guar., 0.010%; found, 0.010%.
1.50	3.56	6.00	5.77	
3.00	3.75	5.00	4.19	
0.05	1.11	5.00	4.95	
2.50	4.81	8.00	5.23	
10.00	11.26	5.00	4.79	Chlortetracycline hydrochloride: Guar., 0.25 gm. per lb.; not determined.
7.50	7.96	4.00	2.32	Chlortetracycline hydrochloride: Guar., 0.1 gm. per lb.; not determined.
8.50	9.50	5.00	4.55	Chlortetracycline hydrochloride: Guar., 0.22 gm. per lb.; not determined.
3.00	3.38	4.00	3.82	Furazolidone: Guar., 0.022%; Guar., 0.0209%.
3.00	3.37	6.00	4.41	Arsanilic: Guar., 0.010%; found, 0.0082%.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
8248	Master Mix Pullet Concentrate 163	10.80	36.00	37.00
8639	Master Mix Pullet Concentrate 163-04H Medicated	10.02	36.00	36.00
8654	Master Mix Roaster Finisher 323-16C Medicated (Pellets)	10.00	20.00	20.50
7703	Master Mix Sweet Bulk'N Flakes648	10.39	10.00	11.50
7704	Master Mix Special 16% Dairy 630	10.19	16.00	17.13
8198	Soybran Flaked Soybean Hulls	10.76	9.00	9.50
	CITRUS FEED CO., Lakeland, Fla.			
7635	Florida Crest All Sweet Dried Citrus Pulp	11.27	6.00	6.75
	CITRUS PRODUCT DIVISION, Minute Maid Co., Orlando, Fla.			
7362	Golden Isle Citrus Pulp	10.68	6.00	6.50
	CLYDE MILLING CORP., Clyde, N. Y.			
7455	Clyde Horse Feed	12.31	10.00	12.00
	CONN. BI-PRODUCTS, INC Columbia, Conn.			
8109	Hydrolyzed Poultry Feathers	6.36	85.00	85.50
8108	Poultry By-Product Meal	5.23	60.00	61.00
	CONSOLIDATED RENDERING CO., Boston 10, Mass.			
7649	Corenco Feeding Bone Meal	5.06	10.00	14.25
7426	Corenco 47% Meat & Bone Scrap	7.56	47.00	48.50
7481	Corenco 50% Meat & Bone Scrap	7.28	50.00	47.50
	COOPERATIVE GRANGE LEAGUE FEDERATION EXCHANGE, INC., Buffalo, N. Y.			
8134	Bloomfield Hominy Mix	14.31		8.50
8138	Hominy	12.06		10.75
	CORN PRODUCTS CO., New York 22, N. Y.			
7613	Buffalo Brand 21% Protein Corn Gluten Feed	9.81	21.00	21.38

~~~ Indicates deficiencies
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
2.50	5.94	8.00	7.79	
2.50	5.78	8.00	7.43	Zoalene: Guar., 0.0335%; found, 0.0318%.
6.00	5.76	4.00	2.46	Amprolium: Guar., 0.0125%; found, 0.0161%.
1.00	1.51	20.00	19.01	
3.00	2.78	10.00	8.57	
0.50	2.17	38.00	33.26	
3.00	4.69	11.00	9.57	
2.75	1.95	15.00	12.53	
2.50	3.53	10.00	6.33	
0.50	5.08	1.50	0.48	
10.00	12.04	3.00	1.12	
		2.00	1.80	
6.00	7.87	2.00	1.59	
6.00	9.29	2.00	1.25	
	3.50		2.83	
	5.65		4.70	
1.00	1.47	10.00	8.71	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
	CROMPTON GRAIN COMPANY W. Warwick, R. I.			
7700	Master Made All Mash Layer (Pellets)	11.19	16.00	16.00
8643	Master Made Roaster Finisher Medicated	11.75	20.00	20.25
	DAWNWOOD FARMS, Amenia, N.Y.			
7767	Dawn Farms Caf-Star Formula Feed for Calves	6.26	25.00	27.00
	DCA FOOD INDUSTRIES, INC. Ellicott City, Md.			
8230	Domaco Wheat Middlings	11.47	14.50	15.75
8229	Domaco Pure Winter Wheat	12.50	13.50	15.25
	DELAWARE MILLING CO., INC. Deposit, N. Y.			
8180	Delaware Rabbit Pellets	11.26	16.00	17.00
7460	Delaware Scratch Grains	13.81	9.00	9.00
7458	Warren's C and C Complete Growing Mash	10.93	15.00	17.00
8151	Warren's C & C Complete Laying Mash	10.61	15.00	15.00
8177	Warren's Indian 16% Dairy	11.86	16.00	16.00
8153	Warren's 16% Test Ration	12.04	16.00	16.00
8149	Warren's 20% Test Ration	12.99	20.00	16.25
8152	Warren's Turkey Growing Mash (Pellets)	11.89	21.00	18.00
	DERBY FEED STORE, Derby, Conn.			
7357	Litsky's Hi-Energy All Mash Grower	12.42	16.00	17.00
7523	Litsky's Hi-Energy All Mash Layer	12.15	16.00	17.50
7309	Litsky's Hi-Energy Layer	13.00	20.00	20.75
7442	Litsky's Hi-Energy Starter Broiler (Litsky's SQ Mixture)	11.96	20.00	21.50
7388	Litsky's Sweet 16% Dairy Ration	11.63	16.00	16.00
	E. I. du PONT de NEMOURS & CO. Wilmington, Del.			
7301	DuPont Two-Sixty-Two Feed Comp.	1.97	262.00	262.50

~~~ Indicates deficiencies
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
3.50	3.56	4.50	3.06	
6.00	5.86	3.00	2.59	Amprolium: Guar., 0.0125%; found, 0.0135%.
6.00	6.37	1.50	0.77	
4.25	5.41	7.50	6.91	
3.25	3.28	9.50	7.18	
2.50	3.84	17.00	10.43	
2.00	2.84	5.00	2.25	
3.00	4.32	6.00	5.97	
3.00	3.51	6.00	6.90	
3.00	3.86	11.00	7.91	
3.50	2.92	10.00	7.92	
3.50	2.88	10.00	7.42	
3.00	3.66	6.50	4.48	
3.50	3.46	4.00	3.24	
3.50	3.86	4.00	3.29	
3.25	3.50	4.50	4.49	
3.50	4.62	4.00	4.00	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0158%.
3.00	4.77	10.00	6.21	
		0.50	0.33	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
	EASTERN STATES FARMERS' EXCHANGE, INC., West Springfield, Mass.			
8114	Alfapels	8.21	15.00	15.25
8715	Beefmix Diethystilbestrol	10.51	32.00	32.13
7549	Broiler Finisher Medicated	12.53	22.00	23.00
7401	Calf Starter	11.88	18.00	18.00
7279	Cashmaker Medicated	12.62	16.00	17.25
7569	Champion	14.22	14.00	15.25
7252	Choicemaker Medicated	13.31	16.00	16.50
7253	Choicemaker-WM Medicated	12.46	16.00	16.50
7542	Class Leader	12.56	14.00	15.25
8140	Fulpail	12.41	20.00	20.00
7543	Gee-Mix	10.16	44.00	45.25
7242	Gro-Bits-Medicated	13.06	15.00	16.00
8063	Gro-Bits- WM Medicated	10.93	15.00	15.75
7273	Lay-Bits Medicated	12.71	16.00	17.75
8064	Matchmaker-Medicated	10.79	22.00	22.25
7277	Medicated-Defender	12.97	16.00	17.00
8161	Medicated Sentinel	11.57	16.00	16.75
8612	Medicated Turkey Starter F	9.96	28.00	28.25
8112	Milkerpels 14	11.36	14.00	16.25
7522	Milkerpels 16	11.86	16.00	17.00
7745	Milkerpels 20	11.23	20.00	20.50
7399	Milkmore	11.54	16.00	17.00
7882	Milksaver	6.52	24.00	24.25
8708	Pacemaker Medicated	11.14	20.00	20.75

〰〰 Indicates deficiencies.

INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
1.50	2.81	30.00	24.49	
2.00	2.91	8.00	6.36	Diethylstilbestrol: Guar., 0.0011%; found, 0.0010%.
8.00	8.01	4.00	3.01	Amprolium: Guar., 0.0125%; found, 0.0121%.
4.00	5.08	6.00	4.44	
4.00	4.31	3.50	2.77	Arsanilic acid: Guar., 0.0099%; found 0.0089%.
2.50	3.36	7.00	5.34	
3.50	3.71	5.00	4.46	Arsanilic acid: Guar., 0.0099%; found, 0.0082%.
3.50	3.88	5.00	4.22	Sulfaquinoxaline: Guar., 0.0125%; found, 0.0125%. Arsanilic Acid: Guar., 0.0099%; found, 0.0103%.
3.00	4.06	8.50	6.05	
3.00	3.86	8.00	5.88	
2.50	3.65	4.00	3.22	
3.00	4.46	5.00	3.97	Arsanilic acid: Guar., 0.0099%; found, 0.0105%.
3.00	3.50	5.00	3.04	Sulfaquinoxaline: Guar., 0.0125%; found, 0.0099%. Arsanilic acid: Guar., 0.0099%; found, 0.0140%.
3.00	4.29	4.00	3.37	Arsanilic acid: Guar., 0.0099%; found, 0.0090%.
4.00	4.41	4.00	3.05	Arsanilic acid: Guar., 0.0132%; found, 0.0105%.
3.50	4.36	4.50	3.48	Furazolidone: Guar., 0.022%; found, 0.0228%.
3.50	4.12	4.50	3.90	Chlortetracycline hydrochloride: Guar., 0.1 gm. per lb.; not determined.
3.00	3.54	3.50	3.03	Furazolidone: Guar., 0.011%; found, 0.0129%.
3.50	4.01	8.00	6.53	
3.50	4.16	8.00	5.71	
3.00	4.17	8.00	6.34	
3.00	4.45	8.50	7.75	
5.00	5.30	1.50	0.36	
4.00	4.42	4.00	3.44	Arsanilic acid: Guar., 0.0099%; found, 0.0090%. Bithionol: Guar., 0.050%; found, 0.045%.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
8170	Pel-Gro Medicated	10.82	14.00	15.50
8053	Pel-Gro WM Medicated	10.92	14.00	15.50
8058	Pel-22 Medicated	10.50	22.00	23.25
7254	Pel-Lay Medicated	12.08	16.00	17.00
7475	Pork Builder	11.98	14.00	15.75
7274	Pork Gainer Medicated	12.42	16.00	16.00
8057	Pork Primer Medicated	9.50	18.00	18.00
8604	Protek F Medicated	11.56	16.00	17.25
7278	Rabbettes Medicated	12.21	15.00	15.00
8111	Supmix	10.39	36.00	37.50
7473	Sweepstakes	12.21	16.00	18.25
7521	Tastibulk	14.26	9.50	11.00
7474	Tasti-Pels	12.58	16.00	16.00
7744	Turkey Finisher	11.74	16.00	17.25
7570	Turkey Grower	11.83	20.00	20.00
7440	Turkey Grower C	11.59	20.00	21.25
8653	Turkey Starter Medicated	10.76	28.00	28.00
	ELMORE MILLING CO., INC., Oneonta, N. Y.			
7251	Elmore Chixsaver (7S) Medicated	13.81	20.00	18.75
7433	Elmore Complete Calf Milk Replacer	9.38	25.00	26.50
8359	Elmore Complete Calf Milk Replacer	13.52	25.00	25.25
7430	Elmore Complete Growing Ration	12.11	16.00	16.00
7429	Elmore Complete Market Egg Ration	12.00	16.00	16.00
8232	Elmore Complete Rabbit Pellets	10.16	16.00	18.00
8233	Elmore Complete Turkey Growing Mash	11.30	17.00	17.00
8235	Elmore Dry & Freshening Ration	12.37	12.00	13.75
7469	Elmore Duck Grower Pellets	11.46	16.00	17.25

~~~ Indicates deficiencies
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
3.50	4.31	5.00	4.26	Arsanilic acid: Guar., 0.0099%; found, 0.0110%.
3.50	4.52	5.00	4.31	Sulfaquinoxaline: Guar., 0.0125%; found, 0.0103%. Arsanilic acid: Guar., 0.0099%; found, 0.0110%.
2.50	3.41	4.50	4.08	Arsanilic acid: Guar., 0.0132%; found, 0.0112%.
3.00	4.61	4.50	3.47	Arsanilic acid: Guar., 0.0099%; found, 0.0108%.
3.00	4.04	3.50	2.71	
5.00	5.43	3.50	2.74	Arsanilic acid: Guar., 0.0099%; found, 0.0099%.
8.00	8.54	3.00	1.87	Arsanilic acid: Guar., 0.0099%; found, 0.0060%.
4.00	4.67	3.00	2.48	Furazolidone: Guar., 0.00275%; found, 0.00254%.
2.50	3.25	15.00	13.04	Furazolidone: Guar., 0.0055%; found, 0.0062%.
1.50	2.09	8.00	6.68	
3.00	3.43	7.50	5.28	
2.00	3.31	10.00	8.24	
3.00	3.21	9.00	6.44	
3.50	4.22	4.00	2.94	
3.50	4.53	4.50	3.45	
3.50	4.76	4.50	3.62	P-Ureidobenzenearsonic acid: Guar., 0.0375%; found, 0.0352%.
3.00	4.21	3.50	2.95	Amprolium: Guar., 0.0125%; found, 0.0136%.
3.00	3.90	5.00	4.16	Sulfaquinoxaline: Guar., 0.0150%; found, 0.0168%.
4.00	5.25	2.00	1.76	
4.00	5.82	2.00	1.65	
3.00	3.66	6.00	4.80	
3.00	3.70	5.00	3.03	
2.50	3.59	10.00	9.35	
3.50	3.98	6.00	4.42	
3.50	3.56	9.00	6.23	
4.00	4.00	6.00	5.02	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
8383	Elmore Egg Mash	10.50	20.00	20.25
8234	Elmore Fitting Ration 14%	11.92	14.00	15.00
8360	Elmore Flaked Pelleted Calf Starter	11.77	18.00	20.25
7427	Elmore Game Bird Breeder Mash (Pellets)	10.66	20.00	19.75
7428	Elmore Game Bird Grower (Pellets)	10.74	20.00	20.00
7247	Elmore Game Bird Grower Medicated (7S) Pellets	12.06	20.00	20.00
7248	Elmore Game Bird Starter Medicated (1S) (Crumbles)	12.61	28.00	28.25
8358	Elmore Grand Champion Ration	11.74	15.00	15.50
7466	Elmore Hog Ration	12.00	15.00	15.00
7663	Elmore Horse Feed	13.36	9.00	11.00
8613	Elmore Medicated Mash (Pellets)	11.66	16.00	18.00
7271	Elmore Medicated Picker-Upper Mash (2A)	13.70	20.00	21.75
7472	Elmore Milk Grains Sixteen	11.10	16.00	18.00
7467	Elmore Pacemaker Dairy	11.00	16.00	18.50
7431	Elmore Test Ration 16% (Pellets)	10.16	16.00	18.50
7432	Elmore Test Ration 18%	11.59	18.00	19.25
	JOHN W. ESHELMAN & SONS, Lancaster, Pa.			
7697	Lancaster 16 Dairy Feed	10.75	16.00	17.50
8254	Lancaster 20 Dairy Feed	10.86	20.00	20.75
7699	Lancaster Scratch Grains	13.22	9.00	9.25
7724	Pennsy Complete Laying Ration	11.02	16.00	17.00
8330	Pennsy 16 Dairy Feed	9.87	16.00	17.50
7612	Red Rose Calf Grower	11.02	14.00	15.75
8251	Red Rose Calf Starter	12.25	18.00	20.00
7731	Red Rose Chick Grains	12.66	9.00	10.50
7610	Red Rose Complete Game Bird Grower	10.92	20.00	21.50
7696	Red Rose Complete Growing Ration	11.73	16.00	16.75
7327	Red Rose Complete Laying Ration	12.27	16.00	16.00
7695	Red Rose Complete Turkey Finisher	11.48	16.00	16.75

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
3.50	3.79	6.00	5.54	
3.50	4.23	8.00	6.67	
2.50	3.39	8.00	6.26	
3.50	3.69	8.00	4.38	
3.00	3.36	10.00	5.76	
3.00	3.38	10.00	6.07	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0150%.
3.00	3.47	5.00	3.29	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0178%.
3.50	3.28	9.00	6.59	
3.50	4.31	8.00	4.42	
3.00	3.35	11.00	4.79	
3.00	3.06	6.00	4.10	Furazolidone: Guar., 0.022%; found, 0.0127%.
3.50	3.52	6.00	4.31	Oxytetracycline: Guar., 0.025 gm. per lb.; not determined. Zinc Bacitracin: Guar., 0.05 gm. per lb.; not determined. Chlortetracycline hydrochloride: Guar., 0.025 gm. per lb.; not determined.
3.50	4.46	8.50	8.10	
3.00	4.01	10.00	7.47	
4.00	4.66	9.00	6.61	
4.00	4.31	9.00	6.72	
2.50	3.06	13.50	14.50	
2.50	2.84	13.00	13.14	
2.00	2.41	4.00	2.31	
3.00	3.44	7.00	5.44	
2.50	2.71	15.00	12.10	
3.50	3.58	8.00	6.79	
3.50	3.49	8.00	6.02	
2.00	3.76	3.00	1.21	
4.00	3.77	5.50	5.49	
4.00	4.44	6.00	3.56	
4.00	4.43	5.00	4.35	
4.00	4.02	5.50	4.00	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
7725	Red Rose Complete Turkey Grower	11.07	20.00	21.25
7528	Red Rose 16 Dairy Feed	11.47	16.00	17.25
8253	Red Rose 18 Dairy Feed (Pellets)	11.47	18.00	20.00
8252	Red Rose Equinader Supplement Feed for Horses & Colts	10.27	20.00	22.00
7329	Red Rose Fitting Ration	13.11	12.00	13.50
7611	Red Rose Goat Ration	12.42	14.00	16.50
7588	Red Rose Growing Mash	11.70	20.00	20.75
7589	Red Rose Horse Feed	15.00	9.00	9.75
7328	Red Rose Intermediate Chick Grains	14.89	9.00	9.25
7531	Red Rose Laying Mash	11.08	20.00	21.50
8258	Red Rose Milk Replacer	6.37	22.00	22.50
7727	Red Rose Pigeon Feed	12.66	12.00	14.00
7726	Red Rose Porkmaker	11.50	14.00	15.50
7529	Red Rose Rabbit Pellets	11.11	18.00	19.31
8050	Red Rose Rabbit Pellets Medicated 710A	11.00	18.00	18.00
8257	Red Rose Rumenator (Dairy Booster) Pellets	10.25	16.00	17.75
7530	Red Rose Scratch Grains	13.72	9.00	9.50
7330	Red Rose Starter & Grower	12.69	20.00	21.00
7609	Red Rose 14 Test Cow Feed	12.89	14.00	14.75
8255	Red Rose T-C Feed Medicated	10.42	22.00	23.50
7698	Red Rose Turkey & Poultry Fitting Feed	12.58	10.00	10.00
8259	Red Rose Wild Bird Feed	11.69	10.00	11.75
8256	S-O-S	10.97	11.00	13.75
	EVANS MILLING CO., INC., Indianapolis, Ind.			
7503	Emco Hominy Feed	11.62	10.00	10.75
	EVANS PACKING CO., Dade City, Fla.			
7880	Evans Brand Citrus Pulp	8.77	6.00	6.50
	FARM BUREAU ASSOCIATION, Waltham, Mass.			
7282	Farm Bureau Chick Starter Med.	13.63	20.00	20.00

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
4.00	4.07	5.50	3.98	
3.50	4.31	9.50	7.69	
3.25	3.47	9.50	8.43	
1.50	2.33	9.00	7.78	
3.50	4.00	8.50	7.52	
3.50	4.09	8.50	6.02	
4.00	5.01	7.00	4.67	
3.00	3.09	8.00	2.74	
2.00	2.11	3.00	1.69	
4.00	4.29	5.50	4.36	
1.00	1.09	1.00	0.40	
3.00	3.10	4.00	2.55	
3.50	3.82	7.00	4.77	
3.00	4.28	10.00	9.29	
3.00	3.86	10.00	8.01	Sulfaquinoxaline: Guar., 0.025%; found, 0.0138%.
5.50	5.56	7.00	5.83	
2.00	3.11	4.00	2.48	
4.00	4.01	6.00	4.34	
4.00	4.04	7.50	5.69	
4.00	4.41	5.00	3.88	Oxytetracycline: Guar., 0.05 gm. per lb.; not determined.
3.00	3.00	7.00	4.40	
5.00	5.16	6.00	5.01	
2.00	2.53	16.00	15.01	
5.00	5.60	7.00	3.82	
2.50	3.74	16.00	10.36	
4.00	4.20	4.50	4.11	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0174%.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
7280	Farm Bureau Complete Grower Layer Mash Medicated	12.73	16.00	16.50
7502	Farm Bureau Dairy 16%	12.56	16.00	17.00
8329	Farm Bureau Hominy	10.27	10.00	12.75
7501	Farm Bureau Rabbit Food Pellets	11.00	18.00	18.00
7281	Farm Bureau Rabbit Food Pellets Medicated	12.09	18.00	20.00
	FISH PRODUCTS COMPANY OF NEW JERSEY, Tuckerton, N.J.			
7498	Smith's Lifeline Brand Fish Meal Preserved with (Food Grade) Butylated Hydroxy Toluene	8.93	60.00	61.25
	FLORIDA CITRUS CANNERS CO-OPERATIVE, Lake Wales, Fla.			
8370	Lake Wales Brand Citrus Pulp	8.47	6.00	6.75
	FMS INCORPORATED, Thomasville, Pa.			
8110	FMS A Food for Baby Animals to be used in Place of Milk	5.92	23.00	24.00
	GENERAL FOODS CORP., Kankakee, Ill.			
7482	Burt's Hominy Feed	11.07	9.00	10.25
	GENERAL MILLS, INC., Minneapolis, Minn.			
8381	General Mills Inc., Adrian Wheat Red Dog	11.00	16.00	18.00
7711	General Mills Inc., Wheat Bran With Ground Wheat Screenings	11.52	15.00	17.00
7693	General Mills Inc., Wheat Middlings With Ground Wheat Screenings	12.56	15.00	15.25
8202	Purity Oat Mill By Product	8.88	3.00	3.00
7643	Purity Pulverized White Oats	9.89	12.00	12.00
7713	Washburn's Gold Medal Wheat Middlings With Ground Wheat Screenings	11.00	15.00	16.00

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
4.00	4.03	4.50	3.99	Arsanilic acid: Guar., 0.010%; found, 0.0095%.
3.50	3.66	8.00	5.52	
6.00	6.38	6.00	4.26	
2.50	3.56	18.00	12.39	
2.50	3.76	18.00	11.51	Sulfaquinoxaline: Guar., 0.015%; found, 0.0125%.
5.00	8.76	3.00	0.50	
2.00	2.46	16.00	11.83	
0.50	0.86	0.25	0.18	
5.00	5.76	6.00	3.76	
3.50	4.48	4.00	3.37	
3.00	3.47	12.00	9.16	
3.50	4.49	9.50	6.72	
1.00	0.98	32.00	31.13	
4.50	4.09	13.00	15.47	
3.50	3.76	9.50	6.75	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
	GLOUCESTER BY-PRODUCTS, INC., Gloucester, Mass.			
7415	Globpro Brand 60% Protein Fish Meal	7.59	60.00	63.50
	GOLDEN GEM GROWERS, INC., Umatilla, Fla.			
7457	Golden Gems Sweet Dried Citrus Pulp	9.12	6.00	7.00
	D. H. GRANDIN MILLING CO., Jamestown, N. Y.			
7580	Grandin's Dairy Maid 16	13.89	16.00	16.88
7339	Grandin's 14 Fit-Fresh Produce	13.99	14.00	17.00
7338	Grandin's 14% Fitting Ration	13.37	14.00	14.00
7687	Grandin's Hi-Pro Pellets	10.96	22.00	19.00
7581	Grandin's 16 Milk Maker	12.70	16.00	15.50
7337	Grandin's 16 Milk Producer	13.80	16.00	17.50
7587	Grandin's Pig & Sow Feed	11.67	18.00	20.00
7336	Grandin's Summit Test Ration	12.91	16.00	17.25
7582	Grandin's Super Complete Grow & Lay	11.59	17.00	16.00
7586	Grandin's Super Layer	12.09	21.00	21.75
7583	Grandin's Super-Tone	11.09	18.00	18.75
	GRANITE CITY CO-OP CREAMERY, Barre, Vt.			
7893	Roller Process Non Fat Dry Skim Milk	6.59		33.75
	THE GREAT ATLANTIC & PACIFIC TEA CO., INC. New York, N. Y.			
7723	Daily Egg Laying Mash	9.87	20.00	15.50
	GREAT STAR FLOUR MILLS, LTD., St. Marys, Ont., Can.			
7616	Great Star Shorts	12.03	14.00	16.75
	HAFFENREFFER & CO., INC. Boston 30, Mass.			
8186	Haffenreffer Brewer's Dried Yeast	8.50	40.00	45.25

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
8.00	7.64	1.00	0.26	
2.50	2.94	11.00	9.69	
2.50	3.75	9.00	7.05	
3.50	3.76	8.00	7.39	
2.50	2.66	9.00	8.34	
3.00	3.76	5.00	4.04	
2.50	2.81	9.00	7.69	
3.50	3.09	9.00	7.67	
3.50	3.66	10.00	4.66	
3.50	3.16	8.00	7.60	
3.50	4.01	4.00	5.07	
3.50	3.77	4.00	3.49	
3.00	3.01	8.00	8.42	
	0.97		0.12	
3.00	3.91	7.50	6.75	
5.00	5.50	8.00	7.31	
0.50	0.54	5.50	4.53	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
	HALES & HUNTER CO., Chicago, Ill.			
8104	Pioneer Beef Fitting Ration	15.65	12.00	13.50
8125	Pioneer Calf Starter	13.17	18.00	18.00
7540	Pioneer 16 Dairy	12.89	16.00	16.00
7538	Pioneer 16 Dairy NE	13.25	16.00	14.50
8115	Pioneer 18 Dairy Production	13.27	18.00	18.00
8116	Pioneer Dry & Freshening	12.85	12.00	12.75
7902	Pioneer 14 High Energy Dairy	12.93	14.00	15.25
8117	Pioneer 14 High Energy Dairy NE	13.03	14.00	14.00
8107	Pioneer Hog Finisher	11.04	12.00	13.25
7903	Pioneer Horse Feed	12.82	12.00	12.50
8102	Pioneer 16 Milker	12.36	16.00	16.25
7535	Pioneer 16 Milker Pellets	11.33	16.00	18.75
7537	Pioneer 16 Milker Pellets NE	11.75	16.00	17.00
7536	Pioneer Milk Replacer Medicated	5.00	23.00	23.75
8061	Pioneer Pig Gro-Pel Medicated	10.36	16.00	17.50
8106	Pioneer Rabbit Pellets	10.16	16.00	16.00
8123	Pioneer Sup-Pel Pellets	11.67	18.00	19.25
8178	Pioneerway Dry & Fresh	12.42	12.00	13.50
8150	Pioneerway Horse Feed	12.96	12.00	13.25
7550	Red Comb Broiler Starter AM Medicated	12.76	23.00	24.50
8640	Red Comb Chick Starter ZC Medicated	10.87	20.00	20.25
7539	Red Comb Complete Grower	11.86	15.00	17.25
7276	Red Comb Complete Layer 15 Medicated	11.64	15.00	15.25
8060	Red Comb Complete Layer 16 Medicated	10.07	16.00	18.00
8105	Red Comb Scratch Feed	13.52	9.00	9.75
	HAYWARD, INC., Oak Harbor, Ohio			
7872	Hayward's Dehydrated Alfalfa Meal	8.76	18.00	18.00

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
2.00	3.06	5.00	3.63	
2.50	3.19	7.00	4.75	
3.00	3.06	9.00	5.90	
3.00	3.06	8.00	5.48	
3.00	3.04	8.00	5.32	
2.50	3.36	8.00	6.62	
3.00	2.76	8.00	4.26	
3.00	2.98	9.00	6.33	
3.00	4.52	4.00	3.06	
2.50	3.25	8.00	6.45	
2.50	3.01	10.00	8.60	
2.00	3.13	13.00	8.81	
2.50	2.94	12.00	9.06	
10.00	10.00	1.00	0.49	Chlortetracycline hydrochloride: Guar., 0.025 gm. per lb.; not determined.
3.00	4.99	5.00	3.02	Arsanilic acid: Guar., 0.0100%; found, 0.0099%.
2.00	2.75	15.00	4.78	
3.00	2.79	8.00	6.48	
2.50	3.28	8.00	6.47	
2.50	3.16	8.00	7.10	
5.00	5.09	3.50	2.53	Amprolium: Guar., 0.0125%; found, 0.0133%.
3.50	6.11	6.00	5.92	Zoalene: Guar., 0.0083%; found, 0.0079%.
3.00	4.50	7.00	7.90	
3.50	3.79	5.50	4.19	Arsanilic acid: Guar., 0.010%; found, 0.0110%.
3.50	4.51	5.50	4.13	Arsanilic acid: Guar., 0.010%; found, 0.0065%.
2.00	3.88	5.00	4.72	
1.75	3.28	23.00	22.83	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
	HI-ACRES CONCENTRATE, INC., Orlando, Fla.			
7743	Hi-Acres All Sweet Dried Citrus Pulp	10.44	6.00	6.75
7300	Hi-Acres All Sweet Dried Citrus Pulp	11.52	6.00	6.75
	H. P. HOOD & SONS, INC., Dunedin, Fla.			
7694	Hood Citrus Pulp	8.96	6.00	6.50
8103	Hood Milk Replacer	7.66	28.00	26.75
	E. C. & W. L. HOPKINS, INC., Greenfield, N. H.			
8247	P & Q (Price) (Quality) 16% Dairy Feed (Pellets)	11.24	16.00	16.00
	THE HUBINGER COMPANY, Keokuk, Iowa			
8200	Ke OK uk Brand Corn Gluten Meal	9.51	41.00	41.25
8193	Ke OK uk Brand 21% Protein Corn Gluten Feed	9.75	21.00	21.75
	ILLINOIS CEREAL MILLS, Paris, Ill.			
8179	Hominy	11.89	10.00	10.75
7517	Hominy Feed	11.59	10.00	11.75
	INTERNATIONAL MILLING CO., Minneapolis 2, Minn.			
7541	Blackhawk Wheat Bran with Mixed Screenings	12.24	13.50	14.25
7351	Blackhawk Wheat Middlings with Ground Mixed Screenings	13.32	14.00	17.75
7468	Target Wheat Red Dog	12.64	15.00	18.00
	KELLOGG COMPANY OF CANADA, LTD., London, Ontario, Can.			
7398	Hominy Feed	10.50	10.00	10.75

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
2.50	3.06	12.00	9.87	
3.00	2.76	11.00	10.68	
2.75	3.38	15.00	10.86	
3.50	3.88	1.50	1.47	
4.00	4.81	6.50	5.99	
1.00	1.88	6.00	3.99	
1.00	2.01	10.00	7.11	
5.00	5.61	6.00	4.11	
5.00	6.27	6.00	4.71	
2.50	3.86	12.00	9.31	
3.00	4.22	9.50	6.76	
2.00	4.21	4.00	3.45	
9.00	10.06	4.50	4.04	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
	KEYSTONE DEHYDRATORS, Nazareth, Pa.			
7410	Keystone Super Green Dehydrated Alfalfa Meals with Ethoxyquin	8.65	17.00	17.00
	KRAFT FOODS, Div. of Nat'l. Dairy Prod. Corp., New York, N.Y.			
7656	Kaff-A-Booster Pellets	11.11	26.00	27.25
7899	Pace Booster Pellets for Horses, Ponies & Colts	10.94	25.00	27.50
	CHARLES A. KRAUSE MILLING CO., Milwaukee, Wis.			
7454	Badger Yellow Hominy Feed	10.71	10.00	12.50
	KUDER PULP SALES CO., Lake Alfred, Fla.			
7408	Kuder Dried Citrus Pulp High Sugar	10.80	6.00	7.56
	LAUHOFF GRAIN CO., Danville, Ill.			
7881	Vermilion Hominy Feed	11.26	9.00	10.50
	THE LIBNER GRAIN CO., Norwalk, Conn.			
7892	Libner's Blue Ribbon Horse & Calf Ration	11.59	10.50	11.25
7891	Libner's Blue Ribbon Milk Egg Mash with Cod Liver Oil	10.66	20.00	21.25
	MACHNICKI'S GRAIN STORE, Jewett City, Conn.			
7480	Machnicki Calf Starter	13.49	15.00	15.50
8250	Machnicki's Dry & Fresh	14.50	12.00	12.75
7483	Machnicki's Hi Energy All Mash Layer	12.04	15.00	15.75
7486	Machnicki Hi-Q 16% Dairy	13.91	16.00	14.75
7558	Master Made Prime Finisher Medicated	13.21	15.00	15.50

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
2.00	3.61	27.00	24.11	
4.50	6.07	3.50	2.58	
5.00	5.52	3.50	0.73	
5.00	6.21	6.00	4.23	
2.50	2.82	15.00	10.83	
5.00	5.61	6.00	4.65	
3.50	3.63	7.00	6.97	
3.00	4.04	6.50	5.96	
3.00	3.37	7.00	4.88	
3.00	2.82	11.00	3.26	
3.50	3.80	4.00	2.34	
3.00	3.21	5.00	2.29	
4.50	4.60	4.00	2.03	Amprolium: Guar., 0.0125%; found, 0.0142%.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
	THE MANITOBA SUGAR CO., LTD., Winnipeg, Manitoba, Canada			
7400	Molasses Dried Beet Pulp	11.05	7.00	10.00
7901	Plain Dried Beet Pulp	9.71	7.00	9.25
	MAXON MILLS, INC., Wassaic, N. Y.			
8382	Maxon 16% Test	11.66	16.00	16.00
	MILK SPECIALTIES, INC., Dundee, Ill.			
8185	Dari-Dri Veal Formula	4.15	23.00	23.00
	MILLER ALFALFA CO., Mark Center, Ohio			
7419	17% Miller's Choice Brand Dehydrated Alfalfa Meal	8.01	17.00	16.75
	MINER-HILLARD MILLING CO., Wilkes-Barre, Pa.			
7384	Choice Steam Cooked Hominy Feed	10.86	10.00	11.00
	MINNESOTA LINSEED OIL CO., Minneapolis 21, Minn.			
8195	Minnesota Solvent Extracted Linseed Meal 34% Protein	12.05	34.00	31.25
	MOLSON'S BREWERY, LTD., Montreal, Canada			
8132	Molson's Brewers Dried Grains	9.01	24.00	24.00
	GEO. Q. MOON & CO., INC., Binghamton, N. Y.			
8357	Moon Baby Chick Grains	12.98	10.00	10.50
7890	Moon Complete Laying Mash (Pellets)	11.01	16.00	16.00
7335	Cracked Corn and Wheat	13.57	9.00	9.00
7889	Moon 20% Dairy Ration	10.42	20.00	20.00
8356	Moon Hog Feed	10.43	15.00	15.50

~~~ Indicates deficiencies
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
0.30	0.66	20.00	15.14	
0.30	1.29	22.50	19.73	
4.00	3.81	9.00	5.20	
20.00	21.20	0.25	0.20	
1.50	2.08	27.00	23.30	
5.00	6.76	5.00	4.42	
0.50	1.46	10.00	9.01	
7.00	6.54	14.50	12.73	
1.50	0.89	2.50	1.01	
4.50	4.24	6.50	6.07	
2.00	2.74	4.00	1.79	
3.50	4.62	10.00	7.43	
3.00	4.56	7.50	6.92	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
8355	Moon Horse Feed	12.50	9.00	11.00
8354	Moon Laying Mash	10.46	22.00	22.50
7332	Moon Rabbit Pellets	11.62	15.00	17.00
7331	Moon Scratch Feed	14.01	10.00	9.50
	MOWAT, WILSON & CO., Detroit 35, Mich.			
7894	Dried Beet Pulp	10.74	7.00	8.75
	NATIONAL ALFALFA DEHYDRATING CO., Kansas City, Mo.			
8194	Krumbles	7.14	13.00	16.00
8196	National 15% Protein Dehydrated Alfalfa Meal	8.15	15.00	17.50
7707	National 18% Hi-N Dehydrated Alfalfa Meal (Pellets)	9.20	18.00	18.00
	NATIONAL BISCUIT CO., Toledo, Ohio			
7644	Namico	13.49	14.00	14.25
7369	Pure Wheat Bran	11.52	13.00	13.75
	NATIONAL DISTILLERS PRODUCTS CO., Div. of National Distillers & Chemical Corp., New York, N. Y.			
7667	Corn Distillers Dried Grains	8.79	25.00	25.25
	NATIONAL OATS CO., Cedar Rapids, Iowa			
8199	Red-3 Reground Oat Mill By-Product	9.09	3.00	3.00
	NOPCO CHEMICAL CO., Newark, N. J.			
8188	Nopco-Pak Hi-Lay Premix Code EZW	4.58	2.00	11.75
8187	Nopco Pak Super Premix Code FGY	6.31	1.00	15.50
7652	Nopdex "3000" Source of Vitamin D^3	10.22	10.00	8.75

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
1.50	3.23	10.00	6.80	
4.00	3.26	6.50	5.96	
2.50	3.59	12.00	10.15	
2.00	3.57	5.00	2.63	
0.30	0.59	22.50	20.37	
1.50	3.98	33.00	19.66	
1.50	3.14	30.00	20.19	
2.00	3.32	23.00	22.50	
3.50	4.76	9.00	6.38	
3.00	3.52	10.00	8.44	
7.00	7.85	15.00	11.50	
1.00	1.19	32.00	30.59	
0.50	3.68	16.00	5.24	
1.00	1.91	25.00	10.21	
0.50	1.86	37.00	30.55	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
	NORTHERN OHIO SUGAR CO., Denver, Col.			
7706	GW Dried Beet Pulp	11.71	8.00	9.25
8133	GW Dried Beet Pulp & Beet Molasses	4.50	8.50	10.50
	OGDEN GRAIN CO., Utica, N.Y.			
7450	Ogden Complete Chick Starter Medicated	10.49	20.00	20.75
8172	Ogden Complete Layer Medicated	11.59	16.00	16.00
7359	Ogden Hi-Energy Laying	11.69	16.00	16.00
8375	Ogden 16% Hi-Kal Dairy Ration	10.65	16.00	17.75
7574	Ogden Hi-Value Complete Grower	12.89	16.00	17.00
7577	Ogden Hi-Value Complete Layer	12.61	16.00	16.50
7356	Ogden Horse Feed	12.86	10.00	10.00
7573	Ogden Life Span 15	14.31	15.00	15.50
7578	Ogden Medicated Complete Calf Starter	12.81	18.00	18.00
8378	Ogden Milk Replacer	4.01	21.00	21.00
7358	Ogden Premium Dry & Freshening Ration	12.64	14.00	15.00
7579	Ogden Premium 20% Milk Ration	13.80	20.00	20.00
8372	Ogden Premium 16 Pel-Flake	12.18	16.00	16.75
8371	Ogden Premium Test Cow 16	11.39	16.00	16.00
7575	Ogden Rabbit Pellets	11.98	18.00	18.00
7576	Ogden Reliable 16 Dairy Ration	12.95	16.00	16.75
7360	Ogden Scratch Grains	13.50	9.00	9.00
7361	Ogden Super Hi-Energy Laying Feed	11.52	20.00	20.25
8374	Super Pig Ration	10.71	14.00	14.75
	OHIO BLENDERS, INC., Toledo 11, Ohio			
7608	Big "O" Dehydrated Alfalfa (Pellets)	9.24	17.00	17.00
	PASCO PACKING CO., Dade City, Fla.			
7709	O-Mi-O Citrus Pulp	9.95	6.00	6.75
7385	Sugar Sweet Citrus Pulp	10.57	6.00	6.50

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
		22.50	19.34	
		18.00	15.04	
3.00	3.36	4.50	5.08	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0198%.
3.50	3.62	3.50	3.80	Arsanilic acid: Guar., 0.010%; found, 0.0095%.
4.50	4.11	3.50	4.36	
4.00	3.31	8.00	6.44	
3.00	3.82	5.50	5.51	
3.00	3.47	5.50	5.50	
3.00	4.04	9.00	11.67	
3.50	4.17	8.00	6.00	
3.00	4.19	8.00	5.94	Chlortetracycline hydrochloride: Guar., 0.025 gm. per lb.; not determined.
8.50	9.30	0.50	0.23	
4.00	4.11	8.00	7.31	
3.50	3.51	8.00	6.52	
4.00	3.61	8.00	6.00	
4.00	4.07	8.00	6.20	
3.00	3.19	12.00	8.57	
3.00	3.13	9.00	8.14	
3.00	3.16	6.00	2.84	
4.50	4.81	4.00	4.58	
3.50	3.83	7.00	5.09	
1.50	3.49	27.00	22.63	
3.00	3.04	16.00	11.11	
3.00	4.73	13.50	11.35	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
	PENICK & FORD, LTD., INC. Cedar Rapids, Iowa			
7303	Douglas Corn Gluten Meal	10.40	41.00	46.25
7304	21% Protein Douglas Corn Gluten Feed	11.13	21.00	21.00
	THE PILLSBURY CO., Minneapolis, Minn.			
8181	Middlings	11.07	14.50	14.75
7873	Pillsbury's Wheat Germ Meal	11.71	25.00	25.00
	PILLSBURY CANADA LTD., Midland, Ontario, Can.			
7422	Dandy Wheat Bran	12.61	14.00	15.50
	PRAIRIE DEHYDRATED CO., Roanoke, Ill.			
8260	Prairie 20% Dehydrated Alfalfa Meal	8.81	20.00	20.00
	THE QUAKER OATS CO., Chicago 54, Ill.			
7590	Ful-O-Pep Derwood Horse Crunch	11.59	15.00	15.00
	RALSTON-PURINA COMPANY St. Louis, Mo.			
7605	41% Protein Solvent Extracted Cottonseed Meal	9.81	41.00	41.25
7710	44% Protein Solvent Extracted Soybean Meal	10.91	44.00	46.38
8367	Checkerboard Pasture Ration L (Pellets) 1539	9.33	16.00	16.00
7601	Northeastern Scratch Feed 6735	13.26	9.00	9.75
8602	Purina Baby Pig Chow Medicated (2002)	7.96	18.00	18.00
7395	Purina B & M Cow Chow G (1432)	12.75	16.00	16.50
8325	Purina Breeder Eggena NE	9.47	16.00	16.75

INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
1.50	1.99	6.00	3.55	
1.00	2.51	10.00	7.32	
3.50	4.57	9.50	6.82	
8.00	7.86	4.00	4.00	
3.50	4.37	11.50	8.86	
1.50	3.96	27.00	19.26	
4.00	4.32	10.00	9.94	
1.00	2.46	14.00	11.00	
0.50	0.98	7.00	6.22	
2.50	3.99	12.00	9.32	
2.00	2.70	5.00	3.68	
5.00	5.79	3.00	1.73	Oxytetracycline: Guar., 0.025 gm. per lb.; not determined. 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0049%.
2.50	3.15	10.00	5.63	
3.00	5.93	4.50	2.63	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
7552	Purina Broiler Chow MP Medicated 7105	11.51	20.00	21.00
8644	Purina Broiler Chow Finisher No. 1 MP Medicated	10.38	20.00	22.00
7548	Purina Broiler Chow Starter MP (7009)	10.92	23.00	23.50
8607	Purina Broiler Chow Starter NC Medicated 7003	12.26	23.00	24.63
7747	Purina Bulky Las	11.84	10.00	10.50
7715	Purina Calf Startena (Coarse) 1012	11.35	19.50	20.00
7515	Purina Calf Startena 1014	10.66	19.50	20.00
7516	Purina Chick Chow (Coarse) 6715	13.59	9.00	9.00
7765	Purina Chick Chow (Fine)	12.00	9.00	9.75
7396	Purina Chick Growena 6101	10.89	17.00	17.00
8638	Purina Chick Growena ZO Medicated 6109	11.33	17.00	17.50
8645	Purina Chick Startena ZO-V Medicated 6011	11.86	18.00	19.75
7748	Purina Cow Chow D (B) 16% (Pellets) 1420	11.66	16.00	16.00
7519	Purina Cow Chow D (U) 16% (Pellets) 1421	11.50	16.00	16.50
7750	Purina Cow Chow D (U) 20% (Pellets) 1425	11.07	20.00	20.50
7875	Purina Cow Chow Concentrate G 32% 1901	10.66	32.00	32.00
8323	Purina Dairy Chow L 14% (Coarse)	10.11	14.00	14.00
7752	Purina Dairy Chow L 16% (Pellets)	10.10	16.00	17.00
7372	Purina D & F Chow (Coarse) 1101	10.06	12.50	13.75
7712	Purina D & F Chow 1120	10.67	12.15	14.25
8717	Purina .0023% Dien Mixture in Purina Roaster Chow NC 7352	10.91	15.00	17.25
7606	Purina Duck Growena B 8815	10.56	16.00	17.25

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
3.00	5.17	5.00	2.57	Amprolium: Guar., 0.0125%; found, 0.0142%.
4.50	6.34	4.50	2.19	Amprolium: Guar., 0.0125%; found, 0.0142%.
4.50	6.93	4.50	2.40	Amprolium: Guar., 0.0125%; found, 0.0135%.
4.50	3.37	4.50	2.36	3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0054%. Nicarbazin: Guar., 0.0125%; found, 0.0146%
1.00	2.35	15.00	12.51	
2.50	3.81	8.00	6.39	
5.00	5.94	11.00	8.23	
2.00	3.63	4.00	1.05	
2.00	3.01	4.00	1.33	
3.00	4.46	7.00	4.80	
3.00	4.41	7.00	5.04	Zoalene: Guar., 0.0083%; found, 0.0079%.
3.00	3.63	6.00	4.40	Zoalene: Guar., 0.0083%; found, 0.0080%.
2.50	2.62	6.00	3.60	
2.50	3.96	6.00	4.84	
2.50	3.16	6.00	3.07	
1.00	1.72	10.00	5.97	
2.50	2.71	10.00	7.92	
2.50	3.46	12.00	9.32	
2.50	3.18	11.00	8.91	
2.50	3.59	11.00	8.22	
4.00	3.83	4.50	2.61	Nicarbazin: Guar., 0.0125%; found, 0.0142%. Dienestrol diacetate: Guar., 0.0023%; not determined.
3.00	3.93	5.00	4.33	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
7373	Purina Eggena NE 6543	11.20	16.00	16.50
7600	Purina Egg Chow T 6615	11.44	20.00	23.00
8322	Purina Game Bird Breeder Layena (Complete Ration) 5438	11.21	20.00	20.75
7746	Purina Game Bird F & M Chow 5431	10.71	19.00	19.50
7753	Purina Game Bird Finisher (Pellets)	10.50	20.00	21.00
8054	Purina Game Bird Startena SQ Medicated 5420	10.46	30.00	30.25
7375	Purina Goat Chow (Coarse) 5501	11.11	16.00	15.75
7591	Purina Horse Chow Checkers 3275	11.05	12.50	12.50
8600	Purina Hog Finisher No. 1 Med.	12.54	14.00	14.00
8368	Purina Lay Chow (Pellets) 6601	9.43	22.00	22.00
8158	Purina Medicated Chek-R-Aid 8910	11.61	20.00	20.25
7749	Purina Milk Chow D 16% (Pellets)	10.57	16.00	16.50
7518	Purina Milk Chow D 16% (Coarse)	12.53	16.00	16.75
8324	Purina Milk Chow D 20% 1453	11.00	20.00	20.00
7714	Purina Mink Breeder Chow	9.78	20.00	21.50
7763	Purina Mink Developer Chow	9.94	20.00	21.25
7387	Purina Omolene 3280	13.11	10.00	10.50
8601	Purina Pig Startena Medicated	10.67	18.00	19.75
7607	Purina Pigeon Chow Checkers	10.88	15.00	15.50
7874	Purina Poultry Booster Chow	10.51	24.00	25.00
8705	Purina Poultry Wormer 6701	9.91	17.00	17.25
8326	Purina Pullet Developer F	10.56	13.00	13.50
8641	Purina Pullet Developer (F) ZO Medicated 6175	11.61	13.00	13.75

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
3.00	3.62	4.50	2.97	
3.50	3.91	7.00	3.59	
3.00	3.12	7.00	4.82	
2.00	3.79	12.00	4.41	
2.50	3.46	6.00	3.76	
2.50	3.59	6.50	3.82	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0175%.
3.00	3.11	9.00	6.46	
1.50	2.57	25.00	23.73	
2.50	2.58	7.00	2.48	3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.0025%; found, 0.0021%.
3.50	4.16	6.00	5.03	
4.50	5.41	4.50	3.47	Furazolidone: Guar., 0.011%; found, 0.0109%. Chlortetracycline hydrochloride: Guar., 0.025 gm. per lb.; not determined. Oxytetracycline: Guar., 0.025 gm. per lb.; not determined.
2.50	3.24	9.00	5.31	
2.50	3.34	9.00	6.77	
2.50	3.79	9.00	5.73	
3.00	3.00	5.00	3.28	
2.50	2.91	5.00	4.24	
2.50	4.00	9.00	6.92	
4.00	5.11	5.00	2.63	Oxytetracycline: Guar., 0.025 gm. per lb.; not determined. 3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.0050%; found, 0.0046%.
2.50	3.51	6.00	3.09	
2.50	3.74	6.50	4.84	
3.00	4.02	8.00	5.75	Piperazine Monohydrochloride: Guar., 0.0783%; not determined. Phenothiazine: Guar., 0.290%; found, 0.180%. Dibutyl tin dilaurate: Guar., 0.07%; not determined.
2.50	3.97	9.00	6.25	
2.50	4.44	9.00	5.53	Zoalene: Guar., 0.0083%; found, 0.0074%.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
7639	Purina Rabbit Chow Checkers 5301	11.15	15.00	15.75
7374	Purina Rabbit Chow Checkers 20%	11.32	20.00	19.75
8157	Purina Rabbit Chow Checkers NF SQ Medicated (5310)	10.06	15.00	15.50
7755	Purina Range Checkers 3106	10.96	20.00	20.50
7754	Purina Roaster Chow 7346	10.64	15.00	18.25
7764	Purina Special Steer Fatena 3901	10.42	32.00	32.00
7716	Purina Turkey Finisher No. 2 (8250)	10.64	13.50	14.50
8716	Purina Turkey Finisher No. 2 HZ Medicated (8253)	11.46	13.50	15.25
7520	Purina Turkey Growena No. 1 (8101)	11.01	23.00	25.25
7397	Purina Turkey Growena No. 2 (8130)	10.24	20.00	21.00
8608	Purina Turkey Growena No. 2 HS Medicated	10.61	20.00	20.00
8369	Wheat Middlings 388	9.97	15.00	16.75
	READING MILLING CO., INC., Reading, Pa.			
7614	Faramel All Mash Layer (Pellets)	9.07	16.00	17.75
7308	Faramel Rabbit Food Pellets	11.21	16.00	17.25
	RUSSELL MILLER-KING MIDAS MILLS, Milling Div. of F. H. Peavey & Co., Minneapolis, Minn.			
7592	Occident Wheat Bran	12.99	15.00	17.25
7584	Occident Wheat Middlings with Ground Wheat Screenings	12.39	16.00	16.00
8373	Occident Wheat Red Dog	11.43	16.50	18.50
	WOLF SAVITSKY & SONS, INC., Shelton, Conn.			
7618	Wolf's Calf Starter	11.85	18.00	19.75
7245	Wolf's Complete Hi Eff Egg Breeder Mash Medicated	13.69	16.00	16.50
7246	Wolf's Complete Hi Eff Profit Builder Medicated	13.16	16.00	17.38

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
2.00	3.77	18.00	14.60	
2.00	2.24	16.00	16.00	
2.00	2.78	18.00	12.25	Furazolidone: Guar., 0.0055%; found, 0.0055%. Sulfaquinoxaline: Guar., 0.0250%; found, 0.0224%.
2.00	3.00	10.00	8.65	
4.00	4.51	4.50	2.28	
1.50	1.63	12.00	7.30	
3.50	3.76	4.50	3.01	
3.50	4.16	4.50	2.93	Hepzide: Guar., 0.030%; found, 0.0287%.
3.00	4.35	6.50	4.13	
3.00	4.16	6.00	4.23	
3.00	4.29	6.00	4.36	3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.0250%; found, 0.0240%.
4.00	5.06	9.50	8.02	
3.50	4.39	4.50	4.95	
3.00	2.96	15.00	13.89	
4.00	4.69	11.00	8.87	
4.00	4.00	9.50	9.01	
3.50	3.84	4.00	3.10	
2.75	3.41	9.00	7.03	
3.00	3.32	4.00	3.82	Arsanilic acid: Guar., 0.0099%; found, 0.0095%.
3.00	3.54	4.00	3.89	Arsanilic acid: Guar., 0.0099%; found, 0.0089%.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
8162	Wolf's Complete Hi Eff Profit Builder Medicated	12.05	16.00	16.50
7424	Wolf's 14% Dairy Ration	12.16	14.00	15.50
6670	Wolf's 16% Dairy Ration	13.75	16.00	16.63
7900	Wolf's Dry & Freshening Ration	12.21	14.00	17.75
7443	Wolf's Hi-Speed Starter & Broiler Ration Medicated	12.33	20.50	21.25
7307	Wolf's Horse Feed	14.40	12.00	15.75
6708	Wolf's 16% Test Ration	12.84	16.00	17.50
7425	Wolf's 16% Test Ration Pellets	10.31	16.00	18.25
7617	Wolf's 18% Test Ration	12.09	18.00	19.25
	SCHENLEY DISTILLERS, INC., New York, N. Y.			
7305	Schenley Mark of Merit Corn Distillers Dried Grains with Solubles	10.11	24.00	25.75
7423	Schenley's Soludri Corn Distillers Dried Solubles	9.64	24.00	25.00
	SCHOENECK FARMS, INC., Nazareth, Pa.			
8204	Schoeneck's Super Green Dehydrated Alfalfa Meal	8.30	17.00	18.50
	SEA BOARD SUPPLY CO., Philadelphia, Pa.			
8197	Dried Tomato Pomace	6.59	20.00	20.00
	JOSEPH E. SEAGRAM & SONS, INC., New York, N. Y.			
7409	Seagram's Corn Distillers Dried Solubles	10.88	25.00	25.75
	SEYMOUR GRAIN & COAL CO., Seymour, Conn.			
8224	Beef Mix	13.11		15.25
8206	Hi-Q 16% Dairy	13.50	16.00	16.00

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
3.00	3.19	4.00	3.41	Furazolidone: Guar., 0.011%; found, 0.010%.
3.00	3.89	9.00	7.61	
3.00	4.07	10.00	5.95	
3.00	4.01	9.00	6.18	
3.00	3.92	4.00	3.87	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0126%. Arsanilic Acid: Guar., 0.0099%; found, 0.0100%.
2.75	3.18	10.00	7.90	
3.00	4.33	9.00	5.52	
3.00	4.68	8.00	6.25	
3.00	4.21	9.00	6.21	
5.00	9.45	13.00	12.98	
5.00	9.77	4.00	4.02	
2.00	4.23	27.00	26.19	
10.00	12.42	34.00	30.22	
5.00	5.59	5.00	3.78	
	2.81		4.67	
4.00	3.64	4.00	2.99	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
7492	Miracle 14% Calf Grower	13.02	14.00	14.00
8207	Miracle Dairy 16%	12.11	16.00	16.00
7493	Miracle Fitting Ration	13.41	14.00	14.75
7488	Miracle Hi-Efficiency Grower	12.57	16.00	17.50
7494	Miracle Hi-Energy All Mash Layer	11.89	16.50	16.75
7490	Miracle Horse Feed with Molasses	13.62	10.00	10.50
8222	Miracle 20% Laying Mash	10.56	20.00	20.00
8208	Pasture Mix	11.89	9.00	11.75
7491	See-More-Milk Dairy Ration	13.12	20.00	20.00
8223	See-More-Milk Dairy Ration	11.97	18.00	18.00
	THE SHERWIN-WILLIAMS CO., Cleveland, Ohio			
7479	Sherwin-Williams 34% Linseed Oil Meal (Solvent Extracted)	12.17	34.00	34.75
	DAVID SMALL, East Hartford, Conn.			
7556	David Small's Broiler Feed DS31 Medicated	11.91	24.00	24.00
7557	David Small's Finishing Feed DS 32 Medicated	12.61	20.00	20.00
	A. E. STALEY MFG. CO., Decatur, Ill.			
8376	44% Protein Solvent Extracted Soybean Meal	10.76	44.00	45.50
	ST. LAWRENCE STARCH CO., Toronto, Ontario, Can.			
7302	Corn Gluten Feed 21%	9.42	21.00	23.75
	SUNI-CITRUS PRODUCTS CO., Haines City, Fla.			
7499	Sweet Suni-Citrus Pulp	9.83	6.00	6.50
	SWIFT & COMPANY, Fostoria, Ohio			
8228	Swift's 44% Protein Solvent Extracted Soybean Meal	11.77	44.00	44.00

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Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
3.00	3.39	8.00	5.20	
3.00	4.36	9.00	5.51	
3.00	4.22	8.00	4.77	
3.00	3.96	5.50	2.96	
4.25	4.99	4.75	2.87	
3.50	3.71	9.00	5.71	
3.00	3.76	6.50	4.45	
2.50	2.80	20.00	9.78	
3.00	3.29	9.50	5.25	
3.00	3.18	9.50	6.35	
0.50	2.13	10.00	8.86	
7.50	8.06	4.00	2.34	Amprolium: Guar., 0.0125%; found, 0.0140%.
7.50	7.64	3.50	2.30	Amprolium: Guar., 0.0125%; found, 0.0149%.
0.50	0.64	7.00	6.93	
2.00	3.12	10.00	6.80	
3.00	2.85	15.75	13.48	
0.50	1.34	7.00	5.38	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
	TROPICANA PRODUCTS, INC. Bradenton, Fla.			
7463	Tropicana's Sweetest Dried Citrus Pulp	10.83	6.00	7.00
	ULTRA-LIFE LABORATORIES, INC., East St. Louis, Ill.			
8205	Ultra Life Broiler-Gro	10.30	25.00	27.25
7439	Ultra-Life Broiler-Gro	10.62	25.00	28.25
7497	Ultra-Lifed Calf Food Pellets Med.	11.07	24.00	24.00
7495	Ultra Life High Energy Poultry	10.56	20.00	20.75
7496	34% Protein Solvent Extracted Linseed Meal (Pellets)	12.67	34.00	32.00
	UNITED CO-OPERATIVE FARMERS, INC., Fitchburg, Mass.			
8614	UCF Booster NF 100	10.56	17.00	17.00
8362	UCF Calf Grower	12.00	20.00	20.25
8365	UCF 16% Dairy Pellets	11.51	16.00	16.00
8366	UCF 16% Dairy (Coarse)	10.63	16.00	16.00
7772	UCF 18% Dairy	11.76	18.00	18.00
7776	UCF 20% Dairy	12.09	20.00	20.00
7773	UCF Fitting Ration	12.56	14.00	15.00
7774	UCF Hi NRG All Mash Grower	11.50	16.00	16.00
8363	UCF Hi NRG All Mash Layer (Pellets)	10.14	16.50	16.50
8171	UCF Hi NRG Starter Medicated	12.54	20.00	20.00
8055	UCF Hi NRG Starter Medicated	10.79	20.00	20.75
7770	UCF Horse Feed	12.66	9.00	11.50
7777	UCF Layer	10.55	20.00	20.25
8160	UCF Medicated Booster 100	11.50	17.00	17.25
8361	UCF Medicated Booster 100	10.39	17.00	17.50
8159	UCF Medicated Booster 200	11.94	17.00	17.00

~~~ Indicates deficiencies.
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Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
2.00	2.19	12.00	9.63	
5.00	6.26	7.00	5.03	
5.00	6.93	7.00	6.50	3-Nitro-4-hydroxyphenlarsonic acid: Guar., 0.40%; found, 0.414%.
3.00	3.42	7.00	5.97	
7.00	8.38	6.00	5.52	
0.50	1.87	10.00	9.62	
4.00	5.56	4.50	2.88	Furazolidone: Guar., 0.0110%; found, 0.0119%.
3.00	3.29	6.00	3.64	
3.50	4.13	8.00	5.83	
3.00	3.81	9.00	5.54	
3.00	3.69	9.00	5.73	
3.00	3.29	9.00	4.59	
3.00	3.71	9.00	4.75	
4.00	4.50	4.00	3.14	
4.50	5.34	3.50	2.34	
4.00	4.90	4.00	2.93	Sulfaquinoxaline: Guar., 0.0150%; found, 0.0129%.
4.00	4.58	4.00	3.10	Sulfaquinoxaline: Guar., 0.0150%; found, 0.0160%.
3.00	3.33	9.00	4.40	
5.00	4.21	5.00	3.21	
4.00	5.42	4.50	3.29	Chlortetracycline hydrochloride: Guar., 0.05 gm. per lb.; not determined.
4.00	5.48	4.50	3.44	Chlortetracycline hydrochloride: Guar., 0.05 gm. per lb.; not determined.
4.00	5.14	4.50	3.08	Chlortetracycline hydrochloride: Guar., 0.1 gm. per lb.; not determined.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
8605	UCF Medicated Booster NF 200	11.82	17.00	18.25
8364	UCF Milk Replacer	8.03	20.00	20.00
7771	UCF Pig & Hog Feed	10.54	20.00	20.00
	UNITY FEEDS, INC., Boston, Mass.			
7298	Unity Breeder Mash	12.77	20.00	20.00
7295	Unity 16% Dairy Ration	14.10	16.00	16.50
8119	Unity Dairy & Fitting Ration	12.66	14.00	13.25
7297	Unity Growing & Laying Mash	13.63	20.00	19.50
7296	Unity High Energy Breeder Mash	13.11	16.00	17.00
8122	Unity High Energy Laying Mash	11.34	15.00	16.00
7299	Unity Improved Calf Ration	13.52	20.00	20.00
8120	Unity 16% Milkets	11.77	16.00	17.00
8121	Unity Pig & Hog Ration	11.74	17.00	17.00
5760	Unity Trim Medicated	10.79	15.50	15.50
8124	Unity Turkey & Game Bird Growing Mash	11.47	20.00	20.00
	HIRAM WALKER & SONS, INC., Peoria, Ill.			
7334	Corn Distiller's Dried Grains (Heavy Dark)	12.00	25.00	25.25
7326	Corn Distiller's Dried Grains with Solubles	13.30	25.00	25.00
	WILLIAM S. WARREN & SON, Eastford, Conn.			
7459	Warren's Calf Starter	12.65	18.00	19.25
7249	Warren's Chick Starter Medicated	11.46	20.00	21.00
7456	Warren's 16% Dairy Pellets (No. 2)	11.09	16.00	16.50
7462	Warren's Test Cow 16 (Pellets)	12.82	16.00	16.13
	THE WATERTOWN COOPERATIVE ASS'N., INC., Watertown, Conn.			
7378	Watertown Co-op 16% Dairy Feed	11.44	16.00	16.25
	H. K. WEBSTER CO., Lawrence, Mass.			
7447	Blue Seal All-Mash Egg Ration Med.	11.32	16.00	16.25

~~~ Indicates deficiencies.
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Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
4.00	5.19	4.50	2.78	Furazolidone: Guar., 0.022%; found, 0.0202%.
2.00	2.31	2.00	1.57	
3.00	3.12	7.00	3.92	
3.00	3.42	6.00	3.30	
3.50	3.53	9.00	5.48	
3.50	3.79	9.00	6.61	
3.00	3.75	6.00	4.11	
3.00	5.41	4.00	2.66	
4.00	4.94	4.00	3.17	
3.50	4.82	6.00	6.00	
3.50	4.76	9.00	6.84	
3.00	4.26	6.00	4.27	
3.00	4.72	6.00	3.20	3-Nitro-4-hydroxyphenylarsonic acid: Guar., 0.005%; found, 0.0054%.
3.00	3.97	5.00	4.03	
8.00	8.87	10.00	7.22	
8.00	9.86	10.00	6.83	
3.00	3.42	8.00	5.66	
3.00	3.69	5.50	5.90	Sulfaquinoxaline: Guar., 0.015%; found, 0.017%.
3.00	3.41	9.00	7.36	
3.50	3.12	8.50	6.88	
4.00	4.01	9.00	6.28	
4.00	4.14	3.50	3.10	Arsanilic acid: Guar., 0.010%; found, 0.0110%.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
8059	Blue Seal All-Mash Growing Ration Medicated	10.82	16.00	16.00
8062	Blue Seal All-Mash Growing Ration SQ Medicated	11.44	16.00	16.75
8651	Blue Seal C-4 Broiler Medicated	10.16	23.00	23.75
8332	Blue Seal Chick Feed	12.00	10.00	10.00
7448	Blue Seal Chick Starter Medicated	12.00	20.00	20.25
7648	Blue Seal Coarse 16 Dairy Ration	12.13	16.00	17.25
7689	Blue Seal Coarse 20 Dairy Ration	11.49	20.00	20.25
7658	Blue Seal Complete Horse Ration	12.30	12.50	14.25
7896	Blue Seal 16% Dairy Mix	11.55	16.00	16.00
7478	Blue Seal "30" Dairy Concentrate	11.15	30.00	30.00
7640	Blue Seal Egg Mash	12.18	20.00	20.00
8652	Blue Seal C-5 Finisher Medicated (Pellets)	9.86	20.00	20.25
7533	Blue Seal Fitting Ration	12.51	14.00	16.50
7690	Blue Seal Goat Feed	12.39	16.00	17.25
7370	Blue Seal No. 770 Grower	10.71	15.00	15.75
7532	Blue Seal Horse Feed	13.54	10.00	11.50
7371	Blue Seal No. 880 Layer	10.90	16.00	16.00
8709	Blue Seal Ket-O-Pels Medicated	10.97	16.00	17.25
7524	Blue Seal Medicated Oro-Mix	11.11	16.00	17.50
8333	Blue Seal Milk Replacer	7.42	24.00	22.75
7464	Blue Seal Milkers' Sixteen	12.75	16.00	16.25
7476	Blue Seal Milkers' Twenty	10.72	20.00	20.00
7275	Blue Seal Pig Feed Medicated	12.99	15.00	15.50
8380	Blue Seal Producer's Grow & Lay	9.87	20.00	20.00
7534	Blue Seal Rabbit Pellets	11.50	20.00	22.25
7657	Blue Seal Standard 16 Dairy Ration	12.57	16.00	16.75
7477	Blue Seal Standard 20 Dairy Ration	12.50	20.00	19.75
8331	Blue Seal Succulent Feed & Calving Ration	9.72	13.00	13.50
7255	Blue Seal Super Breeder's Mash Med.	14.10	20.00	20.00

〰〰 Indicates deficiencies.

INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
4.00	4.00	3.50	3.68	Arsanilic acid: Guar., 0.010%; found, 0.0114%.
4.00	4.06	3.50	3.17	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0120%. Arsanilic acid: Guar., 0.010%; found, 0.0108%.
6.50	7.39	3.00	3.17	Zoalene: Guar., 0.0125%; found, 0.0118%.
2.50	3.21	4.00	1.81	
3.50	3.96	4.50	3.87	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0189%.
3.00	4.71	8.50	6.74	
3.00	3.61	8.00	6.24	
2.50	3.54	15.00	11.87	
3.00	3.57	12.00	10.04	
2.00	3.34	11.00	9.53	
3.50	4.39	3.50	3.23	
6.50	8.16	3.00	3.03	Zoalene: Guar., 0.0125%; found, 0.0124%.
3.00	4.57	9.00	6.78	
3.50	4.00	9.00	7.11	
3.00	3.77	5.50	4.30	
3.00	3.67	9.00	7.98	
3.50	3.59	4.50	3.45	
3.50	4.04	8.50	7.87	Sodium Propionate: Guar., 1.25%; not determined.
3.50	4.00	4.50	4.19	Chlortetracycline hydrochloride: Guar., 0.1 gm. per lb.; not determined.
3.50	3.66	1.00	0.58	
3.00	3.26	8.50	6.41	
3.00	4.17	8.50	6.63	
4.00	4.62	6.00	5.51	Arsanilic acid: Guar., 0.01%; found, 0.0098%.
3.50	3.86	6.00	5.30	
3.00	4.09	12.00	7.71	
3.50	3.97	8.50	7.53	
3.00	3.62	8.00	6.53	
2.50	3.44	12.00	11.01	
4.00	4.35	3.50	3.27	Arsanilic acid: Guar., 0.01%; found, 0.0094%.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
7465	Blue Seal Test Ration	12.30	18.00	18.25
8379	Blue Seal Turkey Growing (Pellets)	10.06	20.00	21.25
7250	Blue Seal Turkey Starter Medicated	12.35	28.00	29.50
	WEST-NESBITT, INC., Oneonta, N. Y.			
7353	Cream-Line Dairy Test Ration	13.47	18.00	17.00
7547	Pure Feed Broiler Starter Medicated	12.64	22.00	22.50
7355	Pure Feed Complete Grower	12.61	14.00	15.25
8146	Pure Feed Complete Layer	6.64	17.00	17.00
7660	Pure Feed Complete Rabbit Pellets	11.74	16.00	17.75
7662	Pure Feed Egg & Breeder	12.10	22.00	22.25
7352	Pure Feed Egg Maker	12.27	20.00	20.00
7354	Pure Feed 14% Fitting Ration	12.96	14.00	14.75
7661	Pure Feed Grower	12.25	18.00	15.25
7659	Pure Feed Horse Ration	12.72	9.00	11.00
8700	Pure Feed Starter Medicated	11.53	20.00	20.75
8144	Pure Feed Sweet "16"	12.07	16.00	17.75
8147	Pure Feed Swine Ration	10.71	16.00	16.25
8145	Pure Feed Turkey Finisher	12.02	14.00	15.25
7350	Pure Feed Turkey Grower	12.96	22.00	21.25
8148	West-Nesbitt Milk Replacer	4.30	21.00	21.50
	WINTER GARDEN CITRUS PRODUCTS CO-OPERATIVE Winter Gardens, Fla.			
7775	Wholesun Dried Citrus Pulp	9.84	6.00	6.00
	WHITMOYER LABORATORIES, INC., Myerstown, Pa.			
7634	Flav-A-Dee	8.27	38.00	38.00
	THE GEO. WIEDEMANN BREWING CO., Newport, Ky.			
7418	Brewers Dried Grains	8.56	24.00	25.00
	WILSON CORN PRODUCTS, INC., Rochester, Ind.			
8384	Wilson Hominy Feed	10.52	9.50	11.00

~~~ Indicates deficiencies.
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Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not less than	Found	
3.00	4.40	8.50	6.80	
4.50	5.19	4.00	3.56	
4.50	5.21	4.00	3.10	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0180%.
3.50	3.50	8.00	7.09	
3.50	4.61	4.00	2.71	Amprolium: Guar., 0.0125%; found, 0.0150%.
3.00	4.02	8.00	4.67	
3.00	3.87	4.50	3.45	
3.00	3.82	14.00	9.10	
3.00	4.11	8.00	3.60	
3.00	3.82	6.50	4.76	
3.50	3.62	8.00	6.50	
3.00	4.29	5.00	3.71	
3.00	3.33	10.00	7.28	
3.00	3.86	5.00	3.64	Glycarbylamide: Guar., 0.003%; found, 0.0029%.
3.50	3.89	9.00	6.14	
4.00	4.59	8.00	6.15	
4.00	4.63	5.00	3.24	
3.00	4.15	5.50	4.24	
8.50	8.51	0.50	0.21	
2.50	3.96	16.00	11.48	
9.00	11.16	5.00	5.06	
5.00	6.66	15.00	10.73	
6.50	7.31	6.00	4.01	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
	WIRTHMORE FEEDS, INC., Waltham, Mass.			
7393	Apex 16% Dairy Feed	10.98	16.00	16.75
7405	Big W All Pellet 16 Dairy Feed	11.09	16.00	16.00
7509	Big W 16 Dairy Feed	12.71	16.00	17.25
7722	Big W 20 Dairy Feed	11.89	20.00	21.75
7733	Big W Silage Preservative	10.50	4.00	5.00
7389	Wirthmore Baby Chick Scratch	13.61	9.00	8.75
7392	Wirthmore Chick Starter Medicated (103A)	11.82	20.00	22.50
8707	Wirthmore Chick Starter Medicated (104A)	10.21	20.00	20.75
7877	Wirthmore Coarse Test Dairy Feed (514A)	11.37	16.00	18.00
7391	Wirthmore Complete Growing Ration (205A)	10.69	15.00	16.00
8130	Wirthmore Complete Turkey Fattening Ration (361A)	11.51	14.00	14.75
8606	Wirthmore Complete Turkey Fattening Ration Medicated	12.31	14.00	16.00
7340	Wirthmore Complete Turkey Growing Ration Pellets (341A)	12.46	18.00	18.00
7438	Wirthmore Complete Turkey Growing Ration (342A)	11.35	18.00	20.00
7510	Wirthmore 14 Dairy Feed	12.77	14.00	15.50
7407	Wirthmore 16 Dairy Feed (522A)	12.16	16.00	16.00
7768	Wirthmore 20 Dairy Feed	10.75	20.00	21.00
7377	Wirthmore 36% Dairy Mixing Feed	10.23	36.00	39.00
7895	Wirthmore Duck Growing (452A)	10.86	16.50	20.50
7347	Wirthmore Grow & Egg Mash	11.57	20.00	20.75
8648	Wirthmore Hi-Cal Broiler Finisher A Medicated (142A)	11.52	22.50	23.00
7561	Wirthmore Hi-Cal Broiler Starter A Medicated (123A)	12.44	24.00	24.00
7406	Wirthmore 14 Hi-Cal Pellets Dairy Feed (531A)	11.10	14.00	16.75
7769	Wirthmore 18 Hi-Cal Pellets Dairy Feed (533A)	11.16	18.00	19.25
8646	Wirthmore Hi-Cal Roaster Finisher A Medicated (179A)	10.23	18.50	18.50

~~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
3.00	3.89	9.00	8.38	
3.50	4.97	10.00	7.61	
3.00	3.51	10.00	9.25	
3.00	3.03	10.00	7.68	
0.50	0.61	17.00	12.25	
2.50	3.02	4.00	1.59	
4.00	4.92	4.50	3.36	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0205%.
4.00	4.81	4.50	3.69	Bithionol: Guar., 0.050%; found, 0.044%. Methiotriazmine: Guar., 0.01%; not determined.
4.00	3.94	8.00	7.01	
3.00	4.13	6.00	4.90	
3.00	3.88	4.50	3.57	
3.00	3.93	4.50	3.61	4-Nitrophenylarsonic acid: Guar., 0.025%; found, 0.0158%.
3.00	4.61	5.00	3.28	
3.00	4.46	5.00	5.70	4-Nitrophenylarsonic acid: Guar., 0.025%; found, 0.0161%
3.50	3.93	9.00	7.38	
3.50	3.83	9.00	6.51	
3.50	3.72	9.00	6.81	
2.00	2.81	10.00	7.45	
4.00	3.74	5.00	3.73	
4.00	4.31	4.50	4.23	
7.00	6.76	3.00	2.75	Amprolium: Guar., 0.0125%; found, 0.0146%.
7.30	6.16	3.00	2.41	Amprolium: Guar., 0.0125%; found, 0.0173%.
4.00	4.39	8.00	6.55	
4.00	4.59	8.00	7.21	
5.00	5.57	3.50	2.94	Amprolium: Guar., 0.0125%; found, 0.0150%.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
7349	Wirthmore Hi-Ener-G 16 (220A)	12.17	16.00	16.75
7560	Wirthmore Hi-Ener-G Broiler Ration Medicated (140A)	12.72	22.00	21.25
7879	Wirthmore Hog Grower (722A)	11.96	15.00	15.88
7348	Wirthmore Horse Feed (811A)	12.31	10.00	11.25
7386	Wirthmore Meatless Mink Food	10.42	12.00	13.75
8710	Wirthmore Medicated Ketrol	12.16	16.00	16.00
7878	Wirthmore Medicated Quick Perk	10.66	20.00	21.50
7876	Wirthmore Medicated Quickies	12.00	20.00	21.25
7267	Wirthmore Medicated Treat (414A)	14.32	20.00	21.50
7241	Wirthmore Medicated Turk-E-Perk	12.38	30.00	30.00
7379	Wirthmore New Hope Complete Horse Feed (813A)	10.92	12.00	12.00
7691	Wirthmore Original New Hope Horse Feed	13.56	12.00	15.00
8328	Wirthmore Pig & Sow Feed	10.06	16.00	17.75
7721	Wirthmore Poultry Fitting (418A)	14.46	11.50	12.75
7376	Wirthmore 16 Pro-Cal Pellets Dairy Feed (538A)	9.91	16.00	17.50
7380	Wirthmore Rabbit Pellets (831A)	10.49	16.00	17.75
8163	Wirthmore Rabbit Pellets Medicated (832A)	10.62	16.00	16.75
7390	Wirthmore 14 Record Fitting Feed	13.52	14.00	15.50
7394	Wirthmore 16 Record Dairy Feed	11.66	16.00	17.25
7718	Wirthmore 14 Record Fitting & Calving Feed (516A)	12.36	14.00	14.00
8647	Wirthmore Roaster Finisher A Medicated (176A)	10.57	18.00	20.75
7598	Wirthmore Scratch (461A)	13.39	9.00	10.00
7871	Wirthmore Stable Mate Complete Horse Feed (Pellets) (816A)	10.19	12.00	14.63
7692	Wirthmore Stock Primer	13.83	14.00	16.25

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
4.00	4.26	4.00	2.83	
5.50	6.26	3.50	2.74	Amprolium: Guar., 0.0125%; found, 0.0209%.
4.00	3.89	6.00	4.45	
3.00	3.51	9.00	6.22	
5.00	6.36	5.00	3.70	
3.00	4.26	6.00	5.80	Sodium Propionate: Guar., 12.50%; not determined.
5.00	5.88	4.00	2.58	Chlortetracycline hydrochloride: Guar., 0.1 gm. per lb.; not determined.
4.00	4.22	4.00	2.94	Chlortetracycline hydrochloride: Guar., 0.1 gm. per lb.; not determined.
4.00	4.11	4.00	3.13	Furazolidone: Guar., 0.022%; found, 0.0200%,
4.00	5.28	5.50	3.02	Furazolidone: Guar., 0.011%; found, 0.0129%. Sulfaquinoxaline: Guar., 0.0175%; found, 0.0193%.
2.50	2.56	12.00	8.04	
3.00	4.26	6.00	4.14	
3.50	4.06	6.00	4.14	
2.50	2.27	6.50	4.34	
3.00	3.50	12.00	10.58	
3.00	3.30	15.00	11.04	
3.00	3.68	15.00	10.40	Furazolidone: Guar., 0.0055%; found, 0.0062%. Sulfaquinoxaline: Guar., 0.0125%; found, 0.0102%.
3.50	4.19	8.00	6.42	
3.50	4.46	8.50	7.23	
3.50	3.50	7.50	5.71	
4.50	5.64	4.00	3.46	Amprolium: Guar., 0.0125%; found, 0.0161%.
2.50	3.66	4.00	4.43	
1.50	1.81	21.00	19.61	
3.00	4.42	8.50	5.09	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
7341	Wirthmore Track N' Trail Horse Feed (811A)	13.42	10.00	11.50
7717	Wirthmore Turkey Growing Ration	11.61	23.00	23.75
7453	Wirthmore Turkey Growing Ration Medicated (Pellets) (323A)	12.14	23.00	22.25
7240	Wirthmore Turkey Starter Medicated (312A)	11.83	28.00	28.00
8129	Wirthmore Twin-Mix Calf Feed	12.61	18.00	18.00
7766	Wirthmore 16 Ultra-Cal Pellets Dairy Feed (537A)	11.44	16.00	17.25
	THE YANTIC GRAIN & PRODUCTS CO., Norwich, Conn.			
7885	Big Y Calf & Beef Ration	12.51	10.00	12.75
8192	Big Y Calf Starter & Builder (Pellets)	10.66	17.00	18.75
8141	Big Y Calving Ration	12.48	14.00	17.50
8142	Big Y Cavalier Horse Feed	13.54	11.00	12.50
7898	Big Y Chick Scratch Grain	13.52	10.00	10.00
7513	Big Y Confinement Growing Mash	12.22	15.00	15.50
8201	Big Y Controlled Growing Ration	10.46	15.00	16.00
7365	Big Y 16% Dairy Ration	11.39	16.00	16.25
7512	Big Y 18% Dairy Ration	12.90	18.00	18.00
7664	Big Y 20% Dairy Ration	12.89	20.00	20.00
7511	Big Y Dairy & Fitting Ration	12.86	14.00	14.75
8189	Big Y Dairy Supplement 32%	12.07	32.00	27.75
7884	Big Y Energized 16 Dairy Feed	11.21	16.00	16.25
7654	Big Y Extra Production Laying Mash (Pellets)	11.90	16.00	16.75
8164	Big Y Extra Production Laying Mash (Pellets) (NF 180)	11.08	16.00	16.25
7404	Big Y Hi-Efficiency Breeder Ration	12.21	15.00	15.00
7366	Big Y High Efficiency Grower	10.84	15.00	16.25
7452	Big Y High Efficiency Grower Med.	12.22	15.00	15.75
7368	Big Y Hi-Efficiency Laying Mash	11.00	16.00	16.00
7559	Big Y Hi-Efficiency Laying Mash	11.94	16.00	16.25
8167	Big Y Hi-Efficiency Laying Mash NF-180	11.51	16.00	16.00
7403	Big Y Hi-G Dairy Ration	11.92	16.00	17.50

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
3.00	3.50	9.00	5.62	
3.50	4.22	5.00	3.03	
3.50	4.20	5.00	3.39	4-Nitrophenylarsonic acid: Guar., 0.025%; found, 0.0159%.
4.00	4.91	4.50	3.50	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0155%.
3.00	3.26	7.00	5.88	
5.00	5.52	6.00	5.74	
3.00	3.21	9.00	5.86	
2.50	3.80	7.50	7.36	
3.50	3.59	11.00	8.11	
3.00	3.07	8.00	4.06	
2.00	2.56	4.00	0.79	
3.50	4.87	5.00	3.55	
3.00	3.02	10.00	7.54	
3.50	3.61	8.50	7.25	
3.00	3.84	9.00	7.45	
3.00	3.41	9.00	6.14	
3.50	4.31	9.00	7.04	
2.00	2.31	8.00	6.42	
4.00	4.64	6.50	5.12	
4.00	5.11	5.00	4.65	
4.00	4.29	5.00	3.91	Furazolidone: Guar., 0.011%; found, 0.0077%.
3.50	4.42	4.00	2.41	
3.50	3.93	5.00	3.47	
3.50	4.71	5.00	4.76	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0078%.
3.50	3.90	4.00	2.83	
3.50	4.16	4.00	2.46	Furazolidone: Guar., 0.022%; found, 0.020%.
3.50	3.98	4.00	2.74	Furazolidone: Guar., 0.0055%; found, 0.0062%.
3.00	3.44	10.00	7.35	

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
7441	Big Y Histostat Mixture Mixed with Big Y Turkey Growing Feed	12.09	20.00	21.25
8609	Big Y Histostat Mixture Mixed with Big Y Turkey Fattener Feed	10.89	17.00	18.50
8049	Big Y Improved Turkey Starter & Game Bird Feed Medicated	11.11	28.00	26.50
8169	Big Y Improved Turkey Starter & Game Bird Feed Medicated	10.43	28.00	24.25
7883	Big Y Hog & Pig Ration	10.19	17.00	17.00
8143	Big Y Horse Feed	13.15	10.00	10.50
8711	Big Y Improved Broiler Finisher Medicated	11.46	19.00	18.50
7897	Big Y Intermediate Chick Grains	12.35	10.00	10.50
8127	Big Y 20% Laying Mash	10.61	20.00	20.25
8126	Big Y M & O Growing Feed	11.11	18.00	17.00
8168	Big Y M & O Growing Feed Med.	11.00	18.00	17.25
7551	Big Y Peerless Broiler Ration Medicated	13.16	23.00	23.25
7666	Big Y Poultry Fitting Ration	14.24	10.00	11.25
7367	Big Y Producto Pels	9.30	16.00	19.25
7402	Big Y 16 Purity Dairy Ration	12.92	16.00	16.00
7888	Big Y Rabbit Pellets	10.14	16.00	20.50
7449	Big Y Rabbit Pellets Medicated	11.69	16.00	19.75
8191	Big Y Scratch Feed	12.12	9.00	10.25
8190	Big Y Sheep & Goat Feed	11.26	16.00	16.00
7655	Big Y Station Fattener Pellets	12.26	12.00	12.50
8128	Big Y Super Starter-Broiler Ration	11.26	20.00	19.25
7243	Big Y Super Starter Ration Med.	13.83	20.00	20.00
7665	Big Y Supreme Laying Mash	11.44	16.00	17.50
7705	Big Y Test Cow Ration	12.87	16.00	16.00
7708	Big Y Turkey Fattener (Pellets)	11.00	17.00	17.00
7647	Big Y Turkey Growing Feed	11.24	20.00	21.25
8704	Big Y Turkey Growing Feed Medicated (Pellets)	10.96	20.00	20.25
8703	Big Y Worming Mash	11.01	18.00	18.00

~~~ Indicates deficiencies.
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INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
3.50	4.04	6.00	4.71	4-Nitrophenylarsonic acid: Guar., 0.025%; found, 0.0214%.
3.50	3.36	6.00	6.03	4-Nitrophenylarsonic acid: Guar., 0.0250%;found,0.0239%.
3.50	4.64	5.00	2.91	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0130%.
4.50	5.29	5.00	3.11	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0145%.
3.50	4.31	8.00	7.27	
2.50	3.02	9.00	4.81	
5.00	4.28	4.00	2.78	Dienestrol diacetate: Guar., 0.007%; not determined.
2.50	3.64	5.00	2.09	
3.50	3.77	6.00	5.44	
3.50	3.88	6.00	4.83	
3.50	3.91	6.00	4.97	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0170%.
5.50	6.77	4.00	2.74	Amprolium: Guar., 0.0125%; found, 0.0000%.
3.00	3.06	8.00	2.93	
3.00	3.56	10.00	8.25	
3.50	3.76	9.00	6.42	
3.00	3.07	10.00	9.25	
3.00	4.35	10.00	8.15	Sulfaquinoxaline: Guar., 0.025%; found, 0.0205%.
2.00	3.36	5.00	3.95	
3.50	3.79	8.50	7.48	
3.00	3.44	12.00	8.03	
3.50	4.09	4.00	3.62	
3.50	4.95	4.50	3.29	Sulfaquinoxaline: Guar., 0.0175%; found, 0.0176%.
5.00	6.16	4.00	2.53	
3.00	3.56	8.50	5.97	
3.50	4.17	6.00	4.36	
3.50	4.01	6.00	3.40	
3.50	3.69	6.00	3.54	Enheptin: Guar., 0.015%; found, 0.014%.
3.50	3.53	6.00	5.43	Phenothiazine: Guar., 0.50%; found, 0.12%. Piperazine: Guar., 0.12%; not determined.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS

Station No.	Manufacturer and brand	Moisture	Protein (N x 6.25) Guaranteed not less than	Protein (N x 6.25) Found
7886	Hi-G Scratch Feed	11.76	9.00	9.75
	YIELDMOR FEEDS, INC., Piqua, Ohio			
8701	.0023 Dienestrol Diacetate with .0125% Nicarbazin in Yieldmor Caponette Finishing Feed	10.42	17.00	17.00

INSPECTION OF 1962

Fat		Fiber		Medicants
Guaranteed not less than	Found	Guaranteed not more than	Found	
2.00	3.00	5.00	2.76	
6.50	5.88	3.50	2.38	Nicarbazin: Guar., 0.0125%; found, 0.0140%.

TABLE 2. VITAMIN CARRIERS

Station No.	Manufacturer and brand	Place, date of sampling and control number
	CLINTON CORN PROCESSING CO. Clinton, Iowa	
7321	Clinton CFS Concentrate No. 1	Jewett City, 9/13, None
	DREW CHEMICAL CORP. Boonton, N.J.	
7908	Vitan Dry "3000"	Shelton, 10/24, 3420
	THE RAY EWING CO. Pasadena, Calif.	
6529	All Mash Pre-Mix	Jewett City, 5/3, None
	THE FOX CO., Newfield, N.J.	
5706	Foxco Qualadee A&DFeeding Oil	Derby, 1/10, 2661
7313	Foxco Qualadee 300 D 2250-A Quality Vitamin A&D Oil	Derby, 9/10, 61461
	KRAFT FOODS, Div. National Dairy Products Corp. Chicago, Ill.	
7910	Pace Booster Pellets for Horses Ponies & Colts	Stepney, 10/24, None
	MARINE PRODUCTS CO. Boston, Mass.	
6530	Finest Veterinary Cod Liver Oil	Norwich, 5/3, None
7323	Veterinary Cod Liver Oil	Norwich, 9/13, None
	MERCK & CO., INC. Chemical Div., Rahway, N.J.	
5712	No. 1061 Feed Supplement Improved Premix Med.	Norwich, 1/11, M-1400-13
5975	No. 1061 Feed Supplement Improved Premix Med.	Norwich, 3/8, M-183-2-1
7325	No. 1061 Feed Supplement Improved Premix Med.	Norwich, 9/13, M837-2-2

TABLE 2. VITAMIN CARRIERS

Vitamin D, units/lb.		Calcium pantothenate mg/lb.		Niacin mg/lb.		Riboflavin mg/lb.	
Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found
		13	15.2	40	93.7	3	9.08
1,362,000	OK						
544,800	OK	2174	--*	8000	--*	800	--*
136,200	OK						
136,200	OK						
7,200	--*	16.3	17.2	15.0	18.0	7.5	8.87
136,200	OK						
136,200	OK						
85,125	OK	500	--*	3750	--*	500	--*
85,125	OK	500	--*	3750	--*	500	--*
85,125	OK	500	657	3750	5695	500	546

--* not determined

〰 indicates deficiencies

TABLE 2. VITAMIN CARRIERS

Station No.	Manufacturer and brand	Place, date of sampling and control number
	MYZON LABORATORIES Chicago, Ill.	
5973	Myzon Poultry Builder	Norwich, 3/8, None
	NEW ENGLAND BY PRODUCTS CORP., Boston, Mass.	
5972	New Englander Vitamin A&D Feeding Oil	Norwich, 3/8, PO75
	NOPCO CHEMICAL CO., Newark, N.J.	
5714	Nopco Pak Hi-Lay Premix	Norwich, 1/11, Code EZW 527-12536 10/61
6532	Nopco Pak Hi-Lay Premix Code EZW	Norwich, 5/3, None
7917	Nopco Pak Hi-Lay Premix	Norwich, 11/7, L2854 - Code EZW-527 - 12536
7916	Nopco-Pak Super Premix	Norwich, 11/7, L3017 - Code FGY 527-20520
5715	Nopco Pak Super Premix Med.	Norwich, 1/11, 527-20520 FGY 6/61
5711	Nopdex "3000"	Norwich, 1/11, V4410
5974	Nopdex "3000"	Norwich, 3/8, Code ADY 523-10100 L1249
7324	Nopdex "3000"	Norwich, 9/13, L2395
7915	Nopdex "3000"	Norwich, 11/7, L2395
	CHAS. PFIZER & CO., INC., New York, New York	
5713	Yantic High-Lay Premix	Norwich, 1/11, 3311
5977	Yantic High-Lay Premix	Norwich, 3/8, X452X1529
7914	Yantic High-Lay Premix	Norwich, 11/7, 2912X 1992

TABLE 2. VITAMIN CARRIERS

Vitamin D, units/lb.		Calcium pantothenate mg/lb.		Niacin mg/lb.		Riboflavin mg/lb.	
Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found
164,000	OK	174	--*	640	--*	160	--*
136,200	OK						
400,000	OK	1600	--*	8000	--*	800	--*
400,000	OK	1600	--*	8000	--*	800	--*
400,000	OK	1600	1889	8000	9308	800	889
170,250	OK	1000	1018	7500	8370	1000	1140
170,250	OK	1000	--*	7500	--*	1000	--*
1,361,000	OK						
1,361,000	OK						
1,361,000	OK						
1,361,000	OK						
400,000	OK	1600	--*	8000	--*	800	--*
400,000	OK	1600	--*	8000	--*	800	--*
400,000	OK	1600	1778	8000	9780	800	821

--* not determined

~~~~ indicates deficiencies
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TABLE 2. VITAMIN CARRIERS

Station No.	Manufacturer and brand	Place, date of sampling and control number
	STABILIZED VITAMINS, INC. Garfield, New Jersey	
5708	Perma-D-3000	Shelton, 1/10, 15103
7316	Perma-D-3000	Manchester, 9/12, 15571
7909	Perma-D-3000	Shelton, 10/24, 15899
5716	Perma Mix C.C.C. No. 1	Manchester, 1/12, 3927 2
5968	Perma Mix C.C.C. No. 1	Manchester, 3/7, 40142
7317	Perma Mix C.C.C. No. 1	Manchester, 9/12, 4333-2
7911	Perma Mix C.C.C. No. 1	Manchester, 11/6, 4435-1
5717	Perma Mix C.C.C. No. 2	Manchester, 1/12, 3860
5969	Perma Mix C.C.C. No. 2	Manchester, 3/7, 4016
6535	Perma Mix C.C.C. No. 2	Manchester, 5/4, 4101
7318	Perma Mix C.C.C. No. 2	Manchester, 9/12, 4320
7912	Perma Mix C.C.C. No. 2	Manchester, 11/6, 4393
5970	Perma Mix C.C.C. No. 3	Manchester, 3/7, 4017
6536	Perma Mix C.C.C. No. 3	Manchester, 5/4, 4102
7319	Perma Mix C.C.C. No. 3	Manchester, 9/12, 4242
5971	Perma Mix C.C.C. No. 4	Manchester, 3/7, 3991
6537	Perma Mix C.C.C. No. 4	Manchester, 5/4, 4100
7320	Perma Mix C.C.C. No. 4	Manchester, 9/12, 4243
7907	Perma Mix 2-4-9-10	Shelton, 10/24, 4222
5966	Vitamin A&D Feeding Oil	Shelton, 3/6, 527
6539	Vitamin A&D Feeding Oil	Shelton, 5/7, 15427
7314	Vitamin A&D Feeding Oil	Shelton, 9/10, 15422
7906	Vitamin A&D Feeding Oil	Shelton, 10/24, 15950
7913	Pre-Mix C.C.C. No. 3	Manchester, 11/6, 4351
5707	Vitaron Vit. A&D Feeding Oil	Shelton, 1/10, 14951
	SYNTHA LABORATORIES, West Alexandria, Ohio	
6528	Special All Mash Premix	Jewett City, 5/3, 2431
7322	Special All Mash Premix	Jewett City, 9/13, None
7918	Special All Mash Premix	Jewett City, 11/13, None

TABLE 2. VITAMIN CARRIERS

Vitamin D, units/lb.		Calcium pantothenate mg/lb.		Niacin mg/lb.		Riboflavin mg/lb.	
Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found
1,362,000	OK						
1,362,000	OK						
1,362,000	OK						
297,950	OK	978	--*	7930	--*	600	--*
297,950	OK	978	--*	7930	--*	600	--*
297,950	OK	978	861	7950	12500	600	752
297,950	OK	978	915	7950	7234	600	560
153,150	OK	1500	--*	7500	--*	375	--*
153,150	OK	1500	--*	7500	--*	375	--*
153,150	OK	1500	--*	7500	--*	375	--*
153,150	OK	1500	1191	7500	8623	375	488
153,150	OK	1500	1440	7500	7704	375	392
214,650	OK	1200	--*	6750	--*	975	--*
214,650	OK	1200	--*	6750	--*	975	--*
214,650	--*	1200	1266	6750	8002	975	970
216,000	OK	1200	--*	5400	--*	900	--*
216,000	OK	1200	--*	5400	--*	900	--*
216,000	OK	1200	1315	5400	5574	900	866
		4000	4180	9000	8230	2000	2040
136,200	OK						
136,200	OK						
136,200	OK						
136,200	OK						
214,650	OK	1200	1303	6750	7518	975	1076
136,200	OK						
544,800	below std.	2174	--*	8000	--*	800	--*
544,800	below std.	2174	1785	8000	9002	800	788
544,800	OK	2174	2066	8000	7385	800	780

--* not determined

indicates deficiencies

TABLE 2. VITAMIN CARRIERS

Station No.	Manufacturer and brand	Place, date of sampling and control number
	WHITMOYER LABORATORIES INC., Myerstown, Pa.	
5965	Derby All Purpose Premix	Derby, 3/6, 12462
6538	Derby All Purpose Premix	Derby, 5/7, 41862
7312	Derby All Purpose Premix	Derby, 9/10, 83162
5709	Flav-A-Dee	Bridgeport, 1/10, None
5967	Flav-A-Dee	Bridgeport, 3/6, None
6541	Flav-A-Dee	Bridgeport, 5/7, None
7315	Flav-A-Dee	Bridgeport, 9/10 None
5710	Machnicki Premix No. 2A	Jewett City, 1/11, 102361

TABLE 2. VITAMIN CARRIERS

Vitamin D, units/lb.		Calcium pantothenate mg/lb.		Niacin mg/lb.		Riboflavin mg/lb.	
Guar.	Found	Guar.	Found	Guar.	Found	Guar.	Found
136,200	OK	1000	--*	4000	--*	400	--*
136,200	below std.	1000	--*	4000	--*	400	--*
136,200	OK	1000	813	4000	3497	400	455
54,480	OK	109	--*	700	--*	100	--*
54,480	OK	109	--*	700	--*	100	--*
54,480	below std.	109	--*	700	--*	100	--*
54,480	below std.	109	--*	700	639	100	121
272,400	OK	1087	--*	4000	--*	400	--*

--* not determined

〰〰 indicates deficiencies